

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Brian K. Short" <ke7gh@primenet.com>
Subject: [16413] *** SIERRA REPORT ***
Message-ID: <3.0.1.32.19970403022019.006e78dc@mailhost.primenet.com>

Managed to find time today to mount a few more components
on the Sierra main board: transistors, chips, pots, jacks,
crystals, etc. Almost everything is mounted, now.

- 1) bought 47pf 50v disc at Radio Shack (vs 100v not supplied)
all they had and and not in their variety pack either
- 2) discovered that (2) 22uf electrolytics were not supplied
still need to search junk box, likely have those
- 3) still have the toroids to wind and a band module, too

Brian K. Short k7on@qsl.net QRP-L #1031 NC38s (602)839-3484
WIMPS: Qs=017 30m=17 17m=0 12m=0 States=12/00/00 DX=02/00/00

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Richard Wilkerson <richqrp@cts.com>
Subject: [16397] 30 mtr dx
Message-ID: <3342FB05.1A27@cts.com>

Just got PT7WX.....00:30 Z.....10104 kc

--

Rich Wilkerson, WD6FDD, Santee, Ca.
NorCal, ARCI, ScQRPions, E.C.R.A.

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Steve Miller <kg7pv@teleport.com>
Subject: [16419] 38S recovery
Message-ID: <1.5.4.32.19970403024114.0067f2e8@mail.teleport.com>

Hi all,

My zapped and dead 38S has been brought back to life. It is now perking
along with 300mw out, good receive, TiCK keyer, modified output filter and
Bob's mods to clean up the sig. Decided to keep it as 300mw since I have a
full QRP 5W+ Oak Hills Spirit II on the desk too. Thanks to all who offered
suggestions and advice. My xyl just can't figure out what is so
compelling...frustrating.....facinating about a dead qrp rig :-)) but now is
happy that I can come out of the shack since I fixed the radio. I had so

much fun debugging it that I ordered another 38S kit. May put it on 40 meters. 72

Steve Miller kg7pv @ teleport.com Portland, OR
(CN-85) Norcal #308 QRP-L #109 ARCI # 9230

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Jeremy Cowgar" <jcowgar@villers.com>
Subject: [16456] 38S works!
Message-ID: <B00000009833@mail.villers.com>

Last night I took my 38s outputting about 330mw and made my first QSO. WB0RXF in South Dakota. I'm over here in Ohio, so that's about 900 miles! My signal report was not too good, but I had a QSO!

All went together fairly easy. Before I hit the power switch, I checked in a few places to make sure of no shorts, looked over the board for bad solder joints, bridges, etc. and found nothing wrong. Fired it up, and nothing from the speaker. Hum, key'd one of my other rigs and got a loud tone but no static, no other stations, nothing.

Looking around, Opps! I forgot R20 (I think that was the one) in the audio stage. Slaped that thing in yesterday morning, and alive it came. Now, lets see what happens when I key the thing. Wow, I got something coming out! Not pretty, but something. I simply tuned VR2 and with a little sensitive changes, I got a nice clean sinewave at about 330mw.

Later I took a turn off of T1, and it is now more sensitive, and I do have two peaks, but one is very faint. I think I will take another off today and see what happens.

Then yesterday afternoon I herd WB0RXF calling CQ, and I replied WB0RXF WB0RXF de KB8LFA/AG KB8LFA/AG ... Waited a few seconds, KB8LFA/AG DE WB0RXF BT ... Yippey!

Now for the 5w mod... I am not going to do the TiCK mod. I have paddles that have a top cover on them, and I installed the TiCK circuit board inside of my paddles, added a RCA output, found room to mount a 9V battery, and a Radio Shack PIEZO inside of my paddles, and now I have a tick keyer for all my rigs that remembers where I put it because the 9v battery is always connected...

Still waiting to hear what is the correct way to fix the thump, or whatever

thump I have. Version 1.0, 1.1, or maybe ever 1.2!

Thanks for the help from everyone,

Jeremy Cowgar - KB8LFA
KB8LFA@qsl.net

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [16473] 50/40/30 challenge (AKA FSFM) upcoming schedule
Message-ID: <199704031811.MAA14307@multi13.netcomi.com>

The fun continues! Here is the schedule for the next month of the
50/40/30 Worked All States Challenge.

How many can you work?

The exchange is CALLSIGN, RST, STATE/PROVINCE/COUNTRY, NAME, POWER. The
state will call CQ WAS QRP de KL... All QSOs are limited to 5 watts or
less, of course. Only fully completed QSOs with all the information will
count for the awards, though partial exchanges may qualify you for other
organizations' wallpaper. (QRPers like to do things the hard way!)

Suggested starting frequencies are 7.043 MHz, 7.112 MHz, and 10.115 MHz.

50/40/30 schedule:

UTC Band

0000-0200 30
0200-0400 40

Date (LOCAL) State Call Name

3 April	NY	N2VPK/WZ2T/KB2YWT	MARK/RICK/DAVE
5 April	AK	AL7FS	JIM see separately posted schedule notes
8 April	AR	K5IO/W0LK/W7KXB	KEN/BOB/BILL
10 April	TN	WS4S/KM7W	CONARD/MARTY
12-13 April	ND	N0UR	JIM see separately posted schedule notes
15 April	OK	AB5UA	CLIF
17 April	MT	N7GS	MAL
22 April	IA	KQ0I	MARK
24 April	IA	KD0CA	JERRY
29 April	OH	K8IDN	STEVE

1 May MA WA1QVM JOEL

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [16403] 50/40/30 de N2VPK
Message-ID: <Pine.GS0.3.95.970402203849.24782A-100000@lictor.acsu.buffalo.edu>

Hi Gang,

I am hardly refreshed and rested. I just got back from 5 days in Midtown Manhattan. Wow, what a blast. At least the sore throat that is starting shouldn't affect my CW fist!

I plan on being on schedule for 50/40/30 as follows:

0000-0200 10.121 MHz
0200-0400 7.045 MHz

The full wave loop and BNut vertical will be ready for action. Hopefully I will be too.

72, Mark N2VPK
Member of the Buffalo QRP Connection

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [16502] 50/40/30 de N2VPK
Message-ID: <Pine.GS0.3.95.970403185120.14645B-100000@autarch.acsu.buffalo.edu>

Hi Gang,

If you are looking to bag NY on 30 and 40M get ready! I will be on the air in about 5 minutes. The question is, how long can I stay with this nasty head cold? I will shoot for 10PM EST as a goal (I am scheduled to operate until 11PM EST).

Good Luck. I will try to start at around 10.121.

72, Mark N2VPK
Member of the Buffalo QRP Connection

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Jeremy Cowgar" <jcowgar@villers.com>
Subject: [16489] Adjusting a IC-706 Pwr. Out, Below 5 watts?
Message-ID: <B0000009909@mail.villers.com>

Does anyone know how to adjust the power of an IC-706 down to say a watt or two? I called Icom and can I do this the reply was short, simple, sweet. NO! Humm, wonder if they just do not wish you to do it or if you really cannot.

Jeremy Cowgar - KB8LFA
KB8LFA@qsl.net

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Russ Carpenter <russ@natworld.com>
Subject: [16486] ANNOUNCING THE FLIGHT OF THE BUMBLEBEES
Message-ID: <199704032021.PAA59500@nss2.CC.Lehigh.EDU>

Adventure Radio Society is pleased to announce The Flight of the =
Bumblebees,
to be held on Sunday, July 27. The Bumblebees are hams who have =
walked,
biked or boated to their operating sites. We are hoping to attract an =
equal
or larger number of hams who operate from their homes, stalking the
Bumblebees and each other.

We do not have rigorous rules about how far a Bumblebee must walk, =
bike or
boat. We just want to encourage hams to get into the great outdoors =
on a
glorious summer day.

An initial group of 25 Bumblebees has been selected from the members =
of
Adventure Radio Society. A roster has been posted separately today =
on the
QRP-L. We would like to have a total of 35 Bumblebees, spread across =
the
country. So we are looking for 10 more insects among the members of =
the
QRP-L.

If you like to be a Bumblebee this summer, email your agreement to =
serve as
a Bumblebee to Russ Carpenter, AA7QU, at russ@natworld.com.

The spiritual foundation of The Flight of the Bumblebees is a certain =
foxy
contest invented by Chuck Adams. We would like to express our =
appreciation
to him for his creativity and hard work for all of us who love QRP.

Here are the rules for this uncommonly entertaining event:

1. This is a four hour event, running from 10:00 PDT/11:00 MDT/12:00
CDT/1:00 EDT to 2:00 PDT/3:00 MDT/4:00 CDT/5:00 EDT. Thus, the hours =
of
operation accommodate all four time zones. No matter where you live, =
there
is time to travel to your site, set up your station, operate the =
contest,
and travel back to the car.

2. Both home-based and portable operations are encouraged. Those who =
walk,
bike or boat to their sites are Bumblebees and sign /BB. The distance
travelled to the site is at the Bumblebee=B9s discretion.

3. Maximum power is five watts. We operate CW on 40, 20, 15 and 10 =
meters,
on the standard QRP frequencies. We want this to be a national =
contest, so
we encourage long-range contacts by giving double points for 20, 15 =
and 10
meters. 40 meter contacts will receive one point. The same station =
can be
worked on different bands for additional QSO points and multipliers.

4. Contacts with bumblebees generate a 3X multiplier. So your score =
equals
QSO points times (number of bumblebees times three). Here is an =
example. If
you make 20 contacts on 40 meters and 30 contacts on the higher =
bands, and
make a total of 25 Bumblebee contacts, your score is (20+60) X (25 X =
3), or
6,000.

5. The exchange is RST, state/province/country, and your first name.

6. Separate but equal prizes are awarded to the home-based and =
Bumblebee
winners.

7. Participants may submit paper logs, with a two week deadline. Or
participants may choose to use the ARS automated contest reporting =
system on
the ARS web site. Results are posted during the third week of August =
on the
QRP-L, the ARS web site, and the ARS membership emailing system. For =
those
who send us SASEs, we mail a paper copy of the results.

8. Russ Carpenter is the Contest Manager. Mail paper logs to him at =
47227
Goodpasture Road, Vida, OR 97488. You can reach Russ in the =
following ways:

- By mail, at the foregoing address
- By phone, at (541) 896-0263
- By fax, at (541) 896-0310
- By email, at russ@natworld.com
- By the automated email system located within the ARS web site at
<http://www.natworld.com/ars>.

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: WNZG87F@prodigy.com (MR SAM F BILLINGSLEY)
Subject: [16432] Another 38S active
Message-ID: <199704021551.KAA84912@mime3.prodigy.com>

Two weekends and a couple of bad solder joints- SUCCESS!
7 states in the first two days. Unsheilded w/o case on bench. I like
the TICK.

Sam Billingsley, AE4GX	e-mail WNZG87F@PRODIGY.COM
Wire Antennas	
Ramsey 1w 40 mtr xmtr	norcal # ?????? MI # 1567
Index Labs QRP+	qrp-l # 1033 ARCI # 9356
NorCal 38S w/5w/Tick	

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Kelly Ellison" <kelman@dialnet.net>
Subject: [16483] Another ARK4 on the air.
Message-ID: <199704031948.NAA01168@shell.dialnet.net>

Hello..

I just picked up an ARK4 used. It is Factory built and has all the options including the keyer.

What a neat little rig! UPS delivered it this morning and I have already made my first contact with it!

What a neat little rig! Did I say that already? Anyway please look for me around 7.040, I would like to work some QRP-ers with it.

Best Regards,
Kelly Ellison - WB0WQS
Aurora, Missouri
kelman@dialnet.net

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [16431] ANOTHER LDG Auto-tuner GROUP PURCHASE! (fwd)
Message-ID: <Pine.3.89.9704022258.B14088-0100000@w3eax.umd.edu>

There are only TWO - yes, TWO - days left to take advantage of this good deal!

Yes, by the power vested in me by Dwayne Kincaid, WD8OYG, the great engineering mind over at LDG, along with my loving wife Chris, N3MXZ, who agreed NOT to ask for a divorce after the last group purchase and is STILL letting me go to Dayton, too (Chris, you still there?)...

ANOTHER GROUP PRCHASE ON LDG ANTENNA TUNERS!!!!!!

<<<for more info on the products, check [<http://www.radix.net/~ldg>](http://www.radix.net/~ldg)>>>

NEW!!! Note the inclusion of ASSEMBLED units!!!

QRP tuners \$85 (reg \$100)

QRP enclosures \$25
QRPs ASSEMBLED! \$139 (reg \$159)

AT-11 tuners \$127.50 (reg \$150)
AT-11 enclosures \$30
AT-11s ASSEMBLED! \$190 (reg \$219)

The enclosures are made by Ten-Tec and are VERY nice indeed.

All prices are PLUS SHIPPING (under \$10 in nearly all cases).

The purchase will open NOW and will close promptly at 5 a.m. Eastern time on SATURDAY, APRIL 5, 1997.

Here's how to order:

- 1) E-mail me or CALL me with WHAT YOU WANT.
- 2) I need a phone number as well as UPS-able address (no PO Boxes) if you need it to go via USPS, tell me.
- 3) I'll tell you the amount to send, and please send it ASAP.

Since I have to make a bulk order, you pay me, I make order, I spend hours sorting and boxing, and I send to you.

The last purchase totalled an AMAZING 101 tuners and 76 cases!

I look forward to this one being smaller =-)

REMEMBER, IT CLOSSES SATURDAY, APRIL 5, 1997, 5 a.m. Eastern time

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [16414] antenna book update
Message-ID: <Pine.GS0.3.96.970402211946.18942E-100000@utkux4.utcc.utk.edu>

The list of antenna books in the archives has just been updated to add half a dozen new items. Use the GET command in a message to listserv@lehigh.edu
get qrp-l/books antenna.list

-73-

LB, W4RNL

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Vernon A. Hatley" <vhatley@flash.net>
Subject: [16471] Anyone own a TS-570D?
Message-ID: <199704031800.MAA20434@endeavor.flash.net>

I would like to hear opinions of the new TS-570D from any owners out there. How well does the QSK work; close to Ten Tec standards? How well does the DSP work? Most important; how does the receiver handle weak QRP or DX signals? Any problems with the design? Please email direct; there is no need to take up valuable bandwidth on the list. Thanks.

--

KK5RO
Vernon A. Hatley
Shawnee, OK

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: N4JS <jsielke@pobox.com>
Subject: [16469] Bands dead??
Message-ID: <Pine.LNX.3.95.970403123826.1409A-1000000@jsielke.ppp.cyberenet.net>

Somebody cut my coax, or the bands are really dead. I hear NOTHING, nada, ziltch, not even RTTY on 20M, with either the QRP+, Sierra or old Argo. Also very little on 30M. There are a few signals on 40. Did I miss a "solar event?" I like being off during the week, because the bands aren't crowded, but this is ridiculous!

_ _ _ _ _	John L. Sielke	n4js@amsat.org	n4js@pobox.com
\ _ / _ _	n4js@n4js.ampr.org	NJ Grid:FM29LN	
. ' _ _ \ _ _ \	http://www.pobox.com/~n4js		
_ \ _ _ \ _ _ / _ _ /	NJ-QRP #57	QRP-L #884	QRP-ARCI #9328
NE-QRP #507	G-QRP #9544	NorCal	QCWA FISTS #2781

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Jim Kortge, K8IQY" <jokortge@mci2000.com>
Subject: [16499] Cal Tech EE20/Norcal 40A Order Info
Message-ID: <3.0.1.16.19970403181156.2957355c@mail49.mci2000.com>

Gang...here is the order form returned from Cal Tech to obtain the EE20/Norcal 40A manual. Also, for those who don't have the PUFF software, it is really nifty, and almost free. Great for doing microwave microstrip layout, and learning about the subject at the same time.

Thanks for the bandwidth....Jim

PUFF 2.0 ORDER FORM

FAX: (818) 395-2137
Email contact: yee@systems.caltech.edu

PUFF 2.0 is a program for laying out and analyzing microstrip and stripline circuits on IBM-compatible personal computers. The program was written in Turbo Pascal and supports dot-matrix and HP LaserJet printers and VGA, EGA and CGA graphics.

To order this nonprofit educational program, please use the form below. Checks and money orders must be in U.S. dollars and made payable to "Caltech-Puff Distribution". All foreign checks must be drawn on a bank with a U.S. branch office. All prices include handling, shipping by the U.S. Post Office and any local taxes incurred. We cannot process purchase orders, invoice requests or bankcards.

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City and State or Province:

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Country:

FAX and E-mail (optional):

Quantity

_____ 60 page Manual and 3.5" diskette - \$10 (inside the U.S.); \$15
(outside the U.S.)

_____ Source Code on a 3.5" diskette (no manual available) - \$10 (inside
the U.S.), \$15 (outside the U.S.)

_____ Lecture notes for Microwave Circuits Class at Caltech .
Includes many design examples using PUFF 2.0 - \$10 (inside
the U.S.), \$15 (outside the U.S.)

_____ Lecture notes for EE20 Radio Electronics class at Caltech.
This class is based on the NorCal 40A transceiver. This class is new and the
450 page notes will be
revised from time to time.- \$20 (inside the U.S.); \$30 (outside the U.S.
and will be
shipped surface rate)

Postage and handling is included. Orders are sent 1st class within the U.S.
and airmail for overseas orders except for the EE20 lecture notes.

\$_____ Total amount enclosed.

Mail orders to :
Puff Distribution, MS 136-93
Dept. of Electrical Engineering
California Institute of Technology
Pasadena, California 91125
USA

Jim Kortge, K8IQY (ex NU8N)		BMHA, NorCal, QRP-L
jokortge@tir.com		__o Cascade 17/40 SSB
Fenton, MI		_'\<, Mizuho 17/40 SSB
...	(*)/(*)	...

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997

From: k4wz@juno.com (RON L TODD)
Subject: [16463] COAX SWITCH
Message-ID: <19970404.112146.9151.45.k4wz@juno.com>

QUESTION:

I have a Ameritron coax switch at the top of my 100 feet tower switching a couple antennas. I am doing that so to use only one 9913 coax 150 feet to transmitter.

Do you think i am losing any power through the rely ?

RON TODD K4WZ ex AE4LQ, KE4RZR, WA4EPC
K4WZ@JUNO.COM OR K4WZ@WORLDNET.ATT.NET
FISTS #2109, ARCI # 9273, QRP-L # 924 ARRL LIFE MEMBER
FT-1000D, QRP+, HOMEBREW TEN-TEC 40 M, PIXIE2.
ANT. C4XL UP 100 FT. 80 M LOOP UP 45 FEET

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: k4wz@juno.com (RON L TODD)
Subject: [16490] COAX SWITCHES
Message-ID: <19970404.160331.9151.49.k4wz@juno.com>

Thanks for all the replys, Everyone says about the same thing. 73/72 Ron

RON TODD K4WZ ex AE4LQ, KE4RZR, WA4EPC
K4WZ@JUNO.COM OR K4WZ@WORLDNET.ATT.NET
FISTS #2109, ARCI # 9273, QRP-L # 924 ARRL LIFE MEMBER
FT-1000D, QRP+, HOMEBREW TEN-TEC 40 M, PIXIE2.
ANT. C4XL UP 100 FT. 80 M LOOP UP 45 FEET

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: N4JS <jsielke@pobox.com>
Subject: [16468] Dan's "Centennial" transciever
Message-ID: <Pine.LNX.3.95.970403122840.1376A-1000000@jsielke.ppp.cyberenet.net>

Just an update. It has been 2 weeks since I faxed "Dan's Small Parts" and asked How big was the board, and how much for the CW option. I have still not received a reply. Anybody else had any luck? My checkbook is cooling off.....

_ _ _ _ _ \ _ / _ _ . ' _ _ \ _ _ \	John L. Sielke n4js@amsat.org n4js@pobox.com n4js@n4js.ampr.org NJ Grid:FM29LN http://www.pobox.com/~n4js
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I_|_| I_| _/_/ |___/ NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
NE-QRP #507 G-QRP #9544 NorCal QCWA FISTS #2781

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: PDouglas12@aol.com
Subject: [16450] Dayton ID BADGES
Message-ID: <970403060427_-1636402238@emout14.mail.aol.com>

Ladies and Gents:

As in past years, I will be making convention badges for the online QRP bunch for the 1997 Dayton Hamvention (c). This announcement is the opening of the (flood?)gate for badge requests. Please keep in mind that these are for delivery at Dayton only, not for mailing, and not for "outsiders", meaning that I ask that you request your own badge, but please don't ask me to make one for your friend who is not online. As it is, I will be doing about 150-200 badges this year. Obvious exceptions: Spouses, and immediate family members. Do request a badge for family members who will be with you.

The badges will have the QRP-L logo, and have QRP ARCI and FDIM in the heading (All-in-one this year.) Vendors will have a line with the name of their company, and FDIM Speakers will be identified as well (on a separate line shoe-horned in).

HOW TO GET A BADGE: Email me at pdouglas12@aol.com, with your name and call. That's it. Badges are free.

FDIM ATTENDEES, AND FDIM SPEAKERS, AND FDIM VENDORS DO NOT NEED TO REQUEST A BADGE. I ALREADY HAVE YOUR INFO. NO NEED TO SEND A REQUEST.

In a couple of days I will post a "printout" of my badge database thus far, so you can check your info for accuracy--there are always a few errors in the early rounds as these have to hand entered the first time they go into the database.

WHERE CAN I GET MY BADGE AT DAYTON? First, they will be available at the Thursday FDIM seminar at check-in. Later on, they will probably be at the QRP booths in the Hamvention convention hall. In past years the G-QRP gang has graciously allowed pick-up at their booth, and I hope to impose on them again this year. And in the eves, we will try to bring back the leftovers to the Days Inn South for pick up at the banquet and evening programs.

That's it. I have the database ready to receive your data. Get psyched, it is coming.
Still sitting on your tail thinking, "gee maybe I will go someday"? Move it.

This is the year.

72,

Preston WJ2V

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [16467] FOX HUNT Prize list
Message-ID: <199704031727.RAA28620@chuck.dallas.sgi.com>

Gang,

Here is the final prize list. This was a tough one and I hope that I got it all right. Contributors email to me if you have problem figuring how to get your contribution to the winner.

Congrats to all. Your prize should get to you within a few weeks. Hang tight.

I hope you like the prize. I know it works out to pennies per hour for many that spent a lot of time trying to catch the furry critter. No fair selling the thing off. The purpose of the foxhunt is not the prizes but the joy and the challenge of the chase.

I'm sure I'll hear if I messed something up. I put one prize in reserve until I'm sure and then I'll give it away to one of the remaining participants in this seasons fox hunt.

I didn't take any bribes this year.

dit dit

-----cut here-----

FOXHUNT 1997 prize list

Winner	Prize	Contributor(s)
NQ7X	OHR Explorer I Kit unbuilt	Chuck K5F0

W5TFB	Small Wonders Lab GM-XX Kit	Chuck K5FO
	Jack, let me know what band you want.....	
KU7Y	OHR Sprint I 80M unbuilt	Tim K5OI
W5FN	K1MG Digital Counter Clock Kit	Mike K1MG
reserve	NorCal 40-9er kit	Bob KI7MN
KE4YH	NQ7X iambic paddles	Floyd NQ7X
K2NF	Rainbow Tuner Kit	NJQRP Club
VE7SL	NorCal 40-9er kit	Rick WZ2T (xtal from K5FO)
WD4MSM	38-Special kit (Novice Category)	Doug KI6DS
KB9JLO	1 yr Renewal/New MI-QRP membership	Paul Valko W8KC
KB0ROL	38-Special kit (Novice Category)	Chuck K5FO or Doug KI6DS (CA vs. TX)
KK5RO	Atomic Keyer Kit	Gary N2JGU and Brad WB8YGG
W1HUE	WB9KZY 'Island' keyer	Marshall AA0XI
AB5UA	TiCK Keyer Kit	Gary N2JGU and Brad WB8YGG
AE4IC	TiCK Keyer Kit	Gary N2JGU and Brad WB8YGG
WA7SSA	CODEMASTER V	Marshall AA0XI
N7VE	1 yr Renewal/New QRP ARCI membership	Mike WB4ZKA/7
WD4MSM	1 yr Renewal/New NE-QRP membership	Rick WZ2T

N6XU Winner last year, maybe a 40-9er
 Chuck Adams K5FO CP-60 adams@sgi.com
http://reality.sgi.com/employees/adams_dallas/
 123456789 123456789 123456789 123456789 123456789 123456789 123456789
 WIMPS: Qs=005 30m=3 17m=2 12m=0 States=03/02/00 DX=00/00/00 QSLs=000

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
 From: Kory Hamzeh <kory@avatar.com>
 Subject: [16503] Frequency Counters
 Message-ID: <Pine.BSI.3.91.970403154442.6653A-1000000@avatar.avatar.com>

I picked up a radio shack frequency counter today. It was only sale for \$79. After I read the small print, it stated that the maximum input to the freq. counter must not exceed 1.4 peak-to-peak. The counter comes with a BNC connection and a whip antenna. You can diconnect the whip and hook a high impedance probe to the bnc connector. You can also switch the input impedance to either 50 ohms to hi.

My question is this: If I have a high impedeance probe hooked up, what is the max power I can send to the counter before it is toast? How much power is 1.4 ptp into a hi-Z load?

I assume it will be OK to connect it to a VFO or LO output, just not the PA.

Thanks,
 Kory

AC6RN

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [16496] FS FC4 HF freq counter
Message-ID: <Pine.GS0.3.95.970403170347.15696A-100000@orichalc.acsu.buffalo.edu>

It is a S&S engineering counter.
It input protected and counts from 5hz to 75 MHz.
Sensitivity is 50 mV
accuracy is 1 ppm.

The counter comes with a 9v battery connector, 8 digit option,
bezel/filter and all paperwork. It is assembled and working as per
specifications. Also included is two test clips to attach to you
oscillator or whatever.

I was going to incorporate it into a rig but never got around to it. I
already have a bench type counter.

I would sell it for \$50 or trade it toward a Wilderness 40A.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [16423] FS: OHR 40m Explorer II kit
Message-ID: <Pine.3.89.9704022112.A13885-0100000@w3eax.umd.edu>

Explorer II for 40m, unbuilt kit. Bought it as one of last ones, haven't
had the time to build, don't know if I WILL get the chance.

Superhet, 7.0 - 7.070 MHz, variable IF BW filter, great receiver.

Bought it for \$99.

Asking \$95 plus shipping - great radio (or it will be when it's done).

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [16422] FS: OHR WM-1
Message-ID: <Pine.3.89.9704022121.C13797-0100000@w3eax.umd.edu>

Like new WM-1 wattmeter, \$72 plus shipping.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

----- Forwarded message -----

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Bill Morris Denton <bdenton@tenet.edu>
Subject: [16487] FT.990 QRP
Message-ID: <Pine.OSF.3.91.970403145538.23335D-1000000@abernathy.tenet.edu>

Need to be able adjust my FT-990 down to the 5W level. Anyone know the procedure?

Bill W5SB

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Joe Gervais <vole@primenet.com>
Subject: [16400] Gear Request: Shrunk WM-2
Message-ID: <199704030047.RAA08089@usr02.primenet.com>

Howdy Folks,

Roger (N7KT) just posted a nifty list of sale items

from OHR, and I've always wanted to get a WM-2 watt meter. Problem is that compared to my rigs (Sierra, QRP+ and formerly a NorCal-40a) the WM-2 is just so dang big! I'd like to have all the features (fwd/reverse pwr, accurate mW readings, etc) on short-haul backpacking trips and stuff. Plus, since my "shack" is a corner of the bedroom table, I don't have much space to play with. :)

So to add to my wishlist, I'd like to vote for a WM-2 caliber wattmeter that's no bigger than, say, an Autek antenna analyzer. A backpacker's WM-2 (BP-2?).

Can it be done? Does one already exist? If I bug OHR enough, will they make one just to shut me up? :)

Perspiring minds want to know!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"What if build a giant wooden badger..."

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: kh6b@juno.com (Dean W Manley)
Subject: [16464] Hawaii meetings
Message-ID: <19970403.063253.5391.0.kh6b@juno.com>

Norm Lee VK5GI

Hope you see this as I lost your e-mail address.

Honolulu Electronics went out of business in 1996 after more than a half-century of service. However, Richard LaChance WH6T runs a radio business on North Hotel Street in Honolulu. I believe he sells Icom equipment. Hope that helps.

Meetings of amateur types:
Tuesdays 830 a.m. Pearlridge Denny's
Restaurant, Thursdays ;830 a.m.

Honolulu Columbia Inn, Kapiolani
Blvd., and daily 900a.m. Hilo
Jack in the Box.

Hope to see you in September.

73 and Aloha, Dean Manley KH6B
ARRL Life Member, HI Chapter QCWA,
ARCI 6257, QRP-L 1032, HI-QRP 1, NorCal ????,
BK29KP Hilo, Hawaii
kh6b@juno.com

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
Subject: [16408] HELP! Msgs not being posted
Message-ID: <19970402030046.AAA7874@LOCALNAME>

-don't know what's wrong, but 3 msgs haven't arrived on list today. Don't
know quite where to send help request. pls advise. 72 =s=

"Seab" Lyon - AA1MY
Bethel, CT; FN-31-HJ
ARCI#9253; QRP-L #574
NEQRP#511; ARRL; QCWA

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Russ Carpenter <russ@natworld.com>
Subject: [16485] INITIAL ROSTER OF THE BUMBLEBEES
Message-ID: <199704032021.PAA75581@nss2.CC.Lehigh.EDU>

Here is the initial roster of the Bumblebees. 10 more Bumblebee spots are
open, so if you'd like to serve, email Russ Carpenter at
russ@natworld.com. Updates of this roster will be posted and will include
locations.

Lorraine	Aubert	AC6XK	1
Cam	Hartford	N6GA	2
Russ	Carpenter	AA7QU	3
Bill	Jones	KD7S	4
Bob	Cutter	KI0G	5
John	Evans	N3Q00	6
Randy	Foltz	AB7TK	7
Jeff	McDowell	N0WCF	8
Chuck	Adams	K5FO	9

Jim	Robertson	K7KBD	10
Don	Bullard	WR5IML	11
Dave	Perry	N0IBT	12
Dan	Presley	N7CQR	13
John	Cutting	VE3JC	14
Dean	Marzocca	N2TNN	15
Richard	Fisher	KI6SN	16
Dave	Benson	NN1G	17
Joe	Gervais	AB7TT	18
Richard	Arland	K7YHA	19
Walt	Windish	KB2JE	20
Richard	Overmeyer	KF6CTA	21
Kent	Torell	AB7OA	22
Rick	Tavan	N6XI	23
Brad	Bradfield	WB0CGH	24
Wayne	Burdick	N6KR	25

Russ Carpenter, AA7QU
Contest Manger, Adventure Radio Society

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [16439] KU7Y QSL cards sent....
Message-ID: <Pine.SUN.3.90.970402222056.14170F-100000@vortex>

Hi All,

All the QSL cards I have received have now been answered.

Those with SASEs will be going in the SASE!

All others are in route to the USA QSL Buro.

If, after enough time for the USPO to get it there, you don't get one, please resend or just give me the info here and I'll get one off to you.

Thanks for your understanding! I'll try to not let them pile up soooooooo high the next time!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Buck Switzer <n8cqa@tir.com>
Subject: [16424] Mail Vagaries
Message-ID: <199704030312.WAA12692@tir.com>

Gang - I did not receive my 03/97 QST! On 03/25/97 I received my 04/97 QST.
Today (04/02/97), I received the 03/97 QST in perfect condition. Is this
strange stuff or what?

72/73 Buck

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: JUNICHI NAKAJIMA <nakaji@crl.go.jp>
Subject: [16449] MIZUHO QRP products in Japan.
Message-ID: <199704031059.TAA23022@apollo.crl.go.jp>

Currently available MIZUHO QRP gear.

QRP people here helped my 38 Special a lot. Some station
asked me about MIZUHO. I post currently available MIZUHO
QRP products list with my comments here as an information.
You can purchase them 10-15% off at amateur radio retailers.
(\$1=YEN125.)

Transceiver(We call them Pico series):

MX-6S 32,000yen 50MHz SSB/CW 1W
MX-7S 32,000yen 7MHz SSB/CW 2W
MX-21S 32,000yen 21MHz SSB/CW 2W
PL-6S 21,600yen 50MHz Linear 10W
PL-7S 21,600yen 7MHz Linear 10W
PL-21S 21,600yen 21MHz Linear 10W

comments: The smallest CW/SSB transceiver in the world.
S/Rf meter, Noise-branker, Attenuator installed handy
talky type QRP rig. VXO A/B channel selection of each
50Khz(below 7MHz:25KHz) coverage. IF is 11MHz. 11Tr 3IC.
The company sporadically make 3.5,14,18,28MHz version.
It is very difficult to buy them because many amateur

want to have it. Now only completed Pico transceiver is supplied. I suppose many failed to complete kit and troubled company. You can see them at JE2CDC's web,

http://www.dtinet.or.jp/~je2cdc/english/index_e.html

Options for Pico:

PM1	3,300yen	DC-DC converter
MS-1	4,600yen	SpeakerMic
PR3-S	4,500yen	Lack mount (MX,CW-2S,PL)
CW-2S	8,400yen	CW semi-break-in unit /w sidetone
BM-6	1,500yen	lather bag
PS-2	3,600yen	AC adapter
Crystal	1,800yen	any desired 25/50Khz band
PAN-62	5,200yen	pocket dipole 50/144
AN-50	3,600yen	50MHz lod antenna
AN-7	4,800yen	7MHz lod antenna
AN-21	4,800yen	21MHz lod antenna

comments: Pico need 9V power (AAA battery x 6). Feeding 12V will destroy the unit. I think DC-DC is expensive you can make 9V with 7808 and one Di between the GND. CW-2S is recommended for CW operation.

Kits and misc.:

QP-21	3,000yen	21MHz 1W CW transmitter
QP-7	3,000yen	7MHz 1W CW transmitter
CK-1D	9,000yen	Currtis Electric keyer
VFO-5D	6,000yen	stable 5-5.5M VFO module
VFO-5D	6,000yen	stable 7-7.1M VFO module
MA-1	1,300yen	audio amp module
MA-20A	2,000yen	Mic amp module
PF-1A	2,500yen	CW peak filter module
KX-50K	8,000yen	50MHz antenna coupler

comments:QP series are the most famous kit with fixed crystal. It does not change the price more than 10 years. VFOs are sealed module with iron case.Japanese QRPer use this unit to avoid difficult unstable VFO problem which annoys other station.

"MIZUHO" means beautiful riceplant. The owner JA1AMH Mr.Takada named his company as he wish everyone to remember the beautiful country and free quiet life with his QRP radio goods in this busy world.

I am no relation with MIZUHO. Just a user enjoy MIZUHO.

Junichi Nakajima / JL1KRA

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Carol N. Wright" <cnw@HiWAAY.net>
Subject: [16402] NC38S 5 watt power mod?
Message-ID: <Pine.OSF.3.94.970402193634.19095A-1000000@fly.HiWAAY.net>

Hey Gang,

I wonder where I might get the info of the variable power output mod for the 38 special? I'm getting a little over 5 watts out, I'd like to have it down around 2 or 3 watts. I suspect that it is R104 that need to be replaced with the pot circuit.

I'm also needing a few more components for a QRP rig that I'm working on, the VE7CVJ QRP rig. I wonder if I might buy or purchase a 5p ceramic cap, a .02 cap, 2.2p cap and a 47uF cap? I'll pay your price plus shipping. I wiring the txcvr up on a piece of perf bord, or scrap pc board that I have. Those are the last components I need and I hate to make a big order for such few parts, so if anyone could spare them, at your price though, I'd appreciate it very much. Best 72 DE Matt, AE4JM

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Carol N. Wright" <cnw@HiWAAY.net>
Subject: [16433] NC38S, IRF510 OUCH!!
Message-ID: <Pine.OSF.3.94.970402230828.98A-1000000@fly.HiWAAY.net>

Hey Gane,

Well I got the info on the power out mod. I removed R12, replace with a 10k, suppose to be 2k, pcb mount pot. I then cut the trace from R12 to C25, put the wiper there. I started turning the pot, no output, then there is the squeal, do I smell something? I touched the IRF510, is it hot? SURE IS, hot enough to start to form a blister! Any ideas? I know I need a new IRF510, got one. I think there was too much bias voltage, what do you think? Let's go ge some ice, shall we! I'm going to call it a night for the 38S until tomorrow. Was there another var. pwr out mod? Tnx, Best 72 DE Matt, AE4JM
Tip of the day: DON'T TOUCH A HOT RF TRANSISTOR, IT'S HOT!
CUL

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Carol N. Wright" <cnw@hiwaay.net>
Subject: [16480] NC38S, variable pwr out, a no go!
Message-ID: <Pine.OSF.3.94.970403131025.30540G-100000@fly.HiWAAY.net>

Hey Gang,
I tried the power out mod with the removing of R102, then putting a 50K,
I used 100K, with the 22K resistor. Mine doesn't vary. It just sets
there, any ideas?
Best 72 DE Matt, AE4JM

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Carol N. Wright" <cnw@HiWAAY.net>
Subject: [16404] NC38S-better tuning!
Message-ID: <Pine.OSF.3.94.970402194203.19095B-100000@fly.HiWAAY.net>

Hey Gang,
I was working on getting my NC38S, trying to get the bottom end of my
freq. coverage up a little bit. I was using the stock 4.7uH, the lower
end was too low, so I tried the 6.8uH. Then my lower end was way down
around 10.060 or 10.070. So I got some help from QRPers on the list.
Some suggested adding a trimmer cap in series with the inductor, some
suggested to wrap some wire around the inductor to raise the lower
frequ. Then there was changing the inductor entirely. I added a Sprague
Goodman 4-20pF 5mm trimmer cap. I now have my frequ. set to 10.101.3
to 10.128.2. Ah, just right. Thanks Gang, (YALL) come through again,
as always. Thanks again. Best 72 DE Matt, AE4JM

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Al Hunter <ahunter@inland.net>
Subject: [16493] Need OHR DD-1 Freq Counter info
Message-ID: <3.0.1.32.19970403133856.006b4e48@inland.net>

Would someone using the OHR DD1 please give me their overview on this unit.
I'm considering purchasing one as Dick now has them on sale. I especially
want to use it as a frequency counter for the bench, measuring LO and VFO
freqs and general troubleshooting. TIA for any info.

72/73 Al AA6SO

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [16470] Novice Tests
Message-ID: <Pine.SUN.3.90.970403095820.15781A-1000000@vortex>

Hi All,

I have not given a Novice test for over ten years.

So, what do I have to do now to give one? This will
be the 5wpm cw novice.

Where do I get a test? Do I make my own? Where is the
question pool?

Thanks,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [16492] Novice Tests
Message-ID: <Pine.SUN.3.90.970403132755.17337A-1000000@vortex>

Thanks to all for the information about ALL testing,
including novice, being done via the VE program.

Now to find the right phone number for the VE group in
Reno..... :-)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "OHR" <ohrqrp@netonecom.net>
Subject: [16478] OHR Inventory Reduction Sale
Message-ID: <199704031852.NAA00817@netone.netonecom.net>

Hello All,

Today, we are starting a sale on all our kits. Please see our web page for complete information on all our kits along with the low sale prices. The address is <<http://www.ohr.com>>. Also, we are now shipping all orders via Priority Mail.

73,
Dick
OHR

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: talljazz@teleport.com (Dan Presley)
Subject: [16481] Portland. Or qrpers
Message-ID: <v01530507af69b5c7df2b@[206.163.125.4]>

I'm looking for anyone in the Portland/Vancouver metro area who might have a Sierra that I could get together with. I'm having band module & low power output problems, and would love to 'swap' some modules from one rig to another to see where the problem might be. Thanks!
Dan N7CQR (503) 232-5346

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: torell@sicom.com (Kent Torell)
Subject: [16398] propagation news
Message-ID: <v02130502af68a61341cb@[192.91.202.41]>

A little bit of sunspot activity, pushing the solar flux up to the 80's! A coronal mass ejection expected to hit in a few days, so should be interesting. SESC forecast excerpts follow:

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 092 ISSUED AT 2200Z ON 02 APR 1997
:CORRECTED COPY
:

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 01/2100Z TO 02/2100Z: SOLAR ACTIVITY WAS LOW. REGION 8026 (S24W02) PRODUCED TWO C-CLASS FLARES AND NUMEROUS B-CLASS EVENTS DURING THE REPORTING PERIOD. AS MANY AS 14 NEW SPOTS HAVE FORMED SINCE YESTERDAY, WITH THE REGION NOW DISPLAYING TWO DISTINCT PLAGE FIELDS (NORTHEAST AND SOUTHWEST) IN A 29 SPOT 'EAI' BETA-GAMMA CONFIGURATION. THE NORTHEAST PLAGE FIELD CONTAINS AN ACTIVE ARCH FILAMENT SYSTEM AND DARK SURGE ON THE DISK. NEW REGION 8027 (S30E77), THE RETURN OF OLD REGION 8021, A 3 SPOT 'CAO' BETA GROUP, WAS NUMBERED TODAY AS IT ROTATED AROUND THE EAST LIMB.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW TO LOW, WITH A CONTINUED CHANCE FOR ISOLATED M-CLASS EVENTS FROM REGION 8026 FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 01/2100Z TO 02/2100Z: THE GEOMAGNETIC FIELD HAS BEEN MOSTLY QUIET FOR THE PAST 24 HOURS, EXCEPT FOR AN ISOLATED PERIOD OF UNSETTLED CONDITIONS DURING THE INTERVAL 02/0000-0600Z. THE GREATER THAN 2 MEV ELECTRONS WERE IN THE MODERATE TO HIGH RANGE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED FOR THE NEXT 24 HOURS. ACTIVITY IS THEN EXPECTED TO INCREASE TO MOSTLY ACTIVE, WITH THE PROBABILITY OF ISOLATED PERIODS OF MINOR STORMING, ON DAYS TWO AND THREE IN RESPONSE TO AN EARTH-DIRECTED CME DETECTED BY SOHO/EIT IN ASSOCIATION WITH THE M1/1B FLARE FROM REGION 8026 AT 01/1400Z.

IV. PENTICTON 10.7 CM FLUX

OBSERVED 02 APR 081
PREDICTED 03 APR-05 APR 081/082/083
90 DAY MEAN 02 APR 074

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 01 APR 011/008
ESTIMATED AFR/AP 02 APR 010/007
PREDICTED AFR/AP 03 APR-05 APR 010/010-025/020-025/015

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB70A scQRPion 6,qrp-1 57,ARCI 9075 DM33xn 33.55 N 112.078 W

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Jim, NOUR" <LAGESON@worldnet.att.net>
Subject: [16409] QRP ARCI Contest from /North Dakota
Message-ID: <19970402221813.AAA24517@LOCALNAME>

There seems to be enough interest in 2xQRP qso's from ND, and I just have to

go somewhere (its finally spring up here), so I decided to take a weekend trip to ND and work the QRP ARCI contest on April 12-13. I know I've done this before but with all the new qrp'rs out there now I feel its time to go again,(and the thought of sitting indoors on a weekend would drive me crazy).

I plan on driving to Wahpeton (if I can get across the flooding Red River) and operate/camp there. If the weather is real nice I want to camp in the Sheyenne National Grasslands, it all depends on how wet things still are.

Listen for me on all bands 160-6 meters, I will be on ALL weekend, and RS-12 satellite passes. Even if you don't work the contest, work me, and anyone else you hear begging for a contact. Maybe I will even make up a special qsl card. Hope the propagation gods are smiling. :^)

My rig will be my ol trusty IC-735, full 5w to a G5RV, or my kite antenna (if the wind gods are smiling):-)

Help me get the word out.

72's Jim NOUR (ex-wa0rpi)

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [16430] QRP rigs, mics, rapid charger for FT-50R, other stuff
Message-ID: <Pine.3.89.9704022208.A14088-0100000@w3eax.umd.edu>

Cleaning up the shack (again? still?), all prices negotiable.

1) Ten-Tec Argo 556, four months old. Original box, manual, and one module. Perfect new condition. \$489 new, asking \$420. SSB/CW.

Make your own package:

Modules - 80, 40, 30, 20, 15, 10 meters, all in new or exc. cond. \$23 ea.

Hand mic (mdel 700C, 4 months old). \$20.

2) S&S Ark 20 20m CW QRP rig. Pushbutton tuning, exc. cond. With keyer as well as Ramsey 20w amp (FREE! with purchase). Manuals incl., \$280 for package.

3) Oak Hills Research Explorer II KIT for 40m. Unbuilt. Variable IF BW filter, great receiver. Was \$99 new last year, asking \$95/offer. No longer available from OHR,. covers 7.0 - 7.070 MHz.

4) Oak Hills Research WM-1 wattmeter, minimum is full scale at 100 mW.
Max scale is 10 watts. Was \$80 new as kit, asking \$72 built. Manual incl.

5) Yaesu MD-1C8 Desk mic, like new with box. \$130 new, asking \$90.

6) Spi-ro 20/40m trap dipole, half like new (indoors) half weathered (outdoors), \$30.

7) Astatic D-104 with T-UG-8 stand. Stand a bit imperfect, mic in exc. shape. With PJ-068 collins plug. \$45.

8) Ramsey PA-10 2m amp, preamp removed. Box, manual, exc. cond. \$40.

9) Yaesu NC-50 1-hr dual-slot charger with CA-14 charging cups for the FT-10/40/50 radios. New condition in box, sells for \$130 new, asking \$100. Hardly used.

Interest? Let me know! Thanks! All prices plus shipping, but haggling perfectly acceptable.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997

From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>

Subject: [16412] QRP WAS

Message-ID: <M1389826.002.1i091.1.970403020945Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Rick:

When I completed my QRP WAS on 40m CW, I received my WAS certificate from ARRL. It had stickers as endorsements for CW, 40m, and QRP. Sounds like this approach allows them to stock just one certificate, and then customize it with endorsement stickers.

I believe it is correct they do not have an endoresement for two-way QRP WAS. I think we have to get that from QRP ARCI.

72, Bob N6WG

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997

From: wa5whn@juno.com (Jay D Miller)
Subject: [16465] QRP-ARCI "QQ" April, '97/FDIM/Solar/QRPTTF
Message-ID: <19970403.100212.4559.2.wa5whn@juno.com>

Ron (KU7Y),

Nice job on the current "The QRP Quarterly", from QRP-ARCI. My copy had come in yesterday's mail. Great photo of HP1AC, on page 15 too. I think most of us have worked Cam, (he must read this list), many times during the QRP contests.

Amazing, how fast we return to some old techniques, such as "potted antenna center insulators". (page 28) Tnx to AC5K, Wes. Thank goodness we don't have to grind xtals anymore with soap detergent & plain glass.

One request from me, if those of You, who plan on attending FDIM @ Dayton, would you please post Your' thoughts & impressions, to the QRP-L, it would be appreciated.

KD7S ("38 Special") page 14, how does Bill build those professional looking radios ?

Who is N0EB ("QRP Club House Column Editor, page 8) ? What's the matter, Bob can't keep a job, or was he run out of town again ? ;-)

Well, the Solar cycle is improving (listen to the HF bands , especially 6/10/15/17/20 meters, these next 3 days) & QRPTTF is 21 days away, what more could we ask for ?

Oh, yes, that note that I had sent to the QRP-L, "GPS/Hide Outs". That Lat./Long. is for "Barringer's Crater", aka "Meteor Crater", off of Interstate 40, in NE Arizona. A true extraterrestrial visitor. I think some of the Az. scQRPions maybe planning on operating QRPTTF, from near there.

<http://bang.lanl.gov/solarsys/tercrate.htm>

Try the above URL, you will see photos of other impact sites, especially in Canada & down under (Aussies). Hint-hint for QRPTTF... :-)

OK, who is planning on operating from Amityville, during QRPTTF ? =8-0

How about near Ann Rice's House, in New Orleans ?

Good Luck, Ron (KU7Y) & Crew (KI6DS, NA5N & AB7ST) outside of Rachel, Nev., near Area 51, during QRPTTF. It's a good thing that You are leaving Your' Spouses, in Las Vegas, Nev., with the checkbooks & bank accounts. It's not too late to change plans and head to "The Devil's Tower" in Wyoming. I keep hearing these 5 tones in my head. ;-)

Live from wind blown (70+ mph right now) New Mexico...

72...Jay, WA5WHN DM65qd

PS Ron, can I obtain my Area 51 QSL card now, just in case ? ; -)

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Scott Bauer <ke3nv@erols.com>
Subject: [16476] Question, Coax switches
Message-ID: <199704031839.NAA18435@smtp1.erols.com>

Hello group,

I wonder if it is safe to use regular coax switches to switch between rigs. Tired of pulling cables from one rig to the next as I run a net for Fists CW Club at 100 watts, then QRP the rest of the time.

Any input will be appreciated. Thank you very much.

72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV
Fists 1502 QRP Nut SWL Truck Pilot ARRL
Current QRP rigs: Green MTN 15 & 17, HW-8, G-QRP GQ-40
S&S Eng ARK-20, ARK-30, ARK-40, TAC1-80. Emtech NW-8030
49er 38 special at 300mw
visit my web page at <http://www.erols.com/ke3nv/>

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: KA3J@aol.com
Subject: [16426] Recommendations and Sources for Scopes
Message-ID: <970402223211_888339519@emout17.mail.aol.com>

I know this has been asked before but unfortunately I didn't save the information. What are the best commercial sources for used scopes? Also, would like to hear your recommendations for specific models -- dual trace, 50 MHz minimum. I've heard that the Tektronix 585, 545, 547 are good instruments. Other ideas? Thanks for your help.

72,

Ron
KA3J

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [16479] RF FEEDBACK:CAUSES,SYMPTOMS,CURES?
Message-ID: <9703038601.AA860101765@smtpgw.ccgate.dl.nec.com>

Hello good friends:

Very basic question here, but if you've never had experience, how do you know? -

What are "typical" symptoms of RF feedback in the shack? What does it look like, sound like, feel like?

I think I have a problem, but not sure. Remember last week, I mentioned on 30 meters only, even at 5 watts, after abt 15 minutes of keying (20wpm), my FT-840's heatsink is warm (not burning hot, but warm) and the cooling fan comes on. Well, if I turn the power up to >10 watts, I notice a "buzzing" noise in my headphones when the rig is keyed. It's very faint, but there. Sort of hard to describe, but it doesn't seem right. Fuzzy audio might describe it better.

Here's my set-up for those who think they might be able to help:

FT-840 to tuner to 300 ohm twin-lead fed dipole up abt 30'. Everything in the shack is tied to a copper pipe on my desk via <2" copper straps. The pipe is then strapped to an 8' ground rod out the window via a 1' long piece of strap. The shack is on the ground floor and ground rod is within 3' of the desk. No computer equipment is being used.

I thought that maybe it was the 300 ohm feed line, but I don't get this buzz sound using my 300 ohm fed 40 meter dipole. Nor do I get this using the coax fed R5 vertical on 20-10. This only happens on 30 meters.

One more clue: I get the "buzz" on 30m when using the 40m dipole with the tuner. So, the common theme is "something is amiss on 30m". Pity, too, as I like this band a lot.

The problem doesn't affect my operating on 30, I'm just worried about hurting the rig.

Somebody here mentioned that I might have a parasitic problem on 30m. Could this be causing the heating and buzzing?

Sorry for the long ramble. Hopefully others might learn what to look for in RF feedback as well.

Many thanks, gang!

73 de Dave NR3E/5
nr Dallas, TX
qrp-1 #25, ARRL
WIMPS: Qs=002 30m=02 17m=00 12m=00 States=02/00/00
DX=00/00/00

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: John Dorson <jdorson@bbs.mpcs.com>
Subject: [16451] slv report
Message-ID: <199704031150.GAA23683@bbs.mpcs.com>

hi all. well i finally got to wind the balun for my mini tuner/swr bridge and had a little (very) time to play with the slv. put it up in my very small backyard and ran the 300 ohm line into my screened porch to the tuner/rig.

well as reported the tuning is very sharp regarding the coil tap selection. this is due to the fact that with balanced line my tuner is very broad, which i guess is good as when the right selections are made i don't have to touch the tuner (for the same band) to cover a great portion of the selected band. didn't make any contacts as 40 was not too good and 20 only had a few signals at the time.

this weekend i hope to get to the beach (just across the street from my qth) and setup so well see how many contract i can make...
Thank You

John Dorson Real Estate Consultant in Melbourne Beach, Brevard County Florida
E-Mail To: jdorson@bbs.mpcs.com

| Trying for WAS - AL,AK,AZ,AR,CA,CO,CT,FL,GA,IL,IA,KS,KY,LA,ME,MD,MA|
| and worked these: MI,MN,MT,NH,NJ,NY,NC,ND,OH,OK,OR,PA,RI,TX,VT,VA,WA|

| WI |

|-----|

K2JHU only QRP... CQC #351, GQRP # 9092, QRP-L #672

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: George Gingell <k3tks@u1.abs.net>
Subject: [16442] SOLAR PANELS
Message-ID: <Pine.BSI.3.93.970403012119.24791A-100000@u1.abs.net>

I would like to suggest that you contact Mike Bryce, WB8VGE at Sunlight Systems. He can answer most any questions you might have about Solar Panels. He may be able to get you a good price on what you need. I might remind you that Dayton is right around the corner and there are usually good deals to be had there. I got a Solvonic Marine panel there a number of years ago. Mike writes the QRP Column in 73 Amateur Radio Today. He has also written several articles on Solar Power in the ham shack and recently a neat Charge Controller for use with your panel. He can also provide you with a HW-8 Handbook if you are looking to modify an HW-8. He can also sign you up as a member of QRP ARCI as well. His snail mail address is Mike Bryce, WB8VGE QRP ARCI Membership, P.O. Box 508 Massillon, OH 44648-0508 Checks for QRP ARCI Membership (\$15 U.S.A., \$18 Canada, \$20 DX) made out to "QRP-ARCI". Include \$2.00 extra if a membership certificate is desired.

72 es
QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net
Maryland Milliwatt QRP Reference Library, (301)572-6789

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: rerobins@unccvm.uncc.edu (Rick Robinson)
Subject: [16458] Solar panels
Message-ID: <v02130502af69315032da@[152.15.144.13]>

Anyone interested in photovoltaics may want to visit this site for some good information.

<http://www.pvpower.com/pvtechs.html>

72/73,

Rick kf4ar

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Tiwari, Sameer" <stiwari@cwonders.com>
Subject: [16475] Solar Panels
Message-ID: <D307DA3001102E00@msgw.cwonders.com>

I saw a few postings about Solar Panels in the last digest so
I thought I would put this in.

I also have a whole bunch of Solar Panels which
I wanna get rid off.

12v 4W Amorphous Silicon, 12" X 12", very, light.

Price - \$60, you pay shipping.

Reply via email only to stiwari@cwonders.com

KF6HST
Sameer

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: w7rfm@juno.com (John E Hirsch)
Subject: [16415] Sold!!!!
Message-ID: <19970402.182313.7486.2.w7rfm@juno.com>

Tnx to all who contacted me about the Drake TR-4.

AC5AM in LA is the proud owner of this glow in the dark radio. I hated to
sell it but the XYL said something had to go if I wanted to get a new
antenna, qrp rigs etc. You know how it goes.

Any way I hope Robert enjoys it as much as I have enjoyed it.

de w7rfm

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: ericvia@why.net (Eric Via)
Subject: [16434] Static Puzzle
Message-ID: <v01520d007154947f5bbf@[207.211.121.239]>

Dear QRP Friends,

I have noticed something with my HW-8, it's kind of strange....hoping someone can solve this riddle?

ONCE A MINUTE, particularly at night, I get about a 10 second hit of heavy static - it fades in, and then fades out...(Usually when a person is sending their callsign & QTH)

I can't figure it out...I've even timed it - and the static last between 7-10 seconds, and after fading out comes back in again about 30-40 seconds later.

Anyone?

Thanks in advance!

72 Eric AD4SS
Wylie, TX
ericvia@why.net

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Bruce Barley <lbbbarley@feist.com>
Subject: [16405] Sunspots returning! Index is UP !
Message-ID: <33433829.258F@feist.com>

All right, guys... heads up! Solar index is up to the low 80's. Should start to see increased activity on 15mtrs and shorter bands. Maybe something nice will happen on 6 or even on 2 ...hope, hope!

Below is a today's (03/02) snippet from our good friends at Boulder, Co. Looks like some activity headed our way on Friday or Saturday.

Check for yourself at www.sel.bldrdoc.gov/forecast.html

REGION 8026 (S24W02) PRODUCED TWO C-CLASS FLARES AND
NUMEROUS B-CLASS EVENTS DURING THE REPORTING PERIOD.
AS MANY AS 14 NEW SPOTS HAVE FORMED SINCE YESTERDAY,
WITH THE REGION NOW DISPLAYING TWO DISTINCT PLAGE FIELDS
(NORTHEAST AND SOUTHWEST) IN A 29 SPOT 'EAI' BETA-GAMMA
CONFIGURATION. THE NORTHEAST PLAGE FIELD CONTAINS AN ACTIVE
ARCH FILAMENT SYSTEM AND DARK SURGE ON THE DISK. ... RETURN OF OLD
REGION 8021, A 3 SPOT 'CAO' BETA GROUP ... AS IT ROTATED AROUND
THE EAST LIMB.

GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE QUIET TO UNSETTLED FOR THE NEXT 24 HOURS. ACTIVITY IS
THEN EXPECTED TO INCREASE TO MOSTLY ACTIVE, WITH THE PROBABILITY OF
ISOLATED PERIODS OF MINOR STORMING, ON DAYS TWO AND THREE IN
RESPONSE TO AN EARTH-DIRECTED CME DETECTED BY SOHO/EIT IN
ASSOCIATION WITH THE M1/1B FLARE FROM REGION 8026 AT 01/1400Z.

Anyway, here's hoping! 72's

Bruce KB0PZD qrp-1 #69
lbbarley@feist.com

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
Subject: [16445] T2FD works!
Message-ID: <9704030756.AA18262@krypton.nmr.Hawaii.Edu>

As version 900 something of the lanai antenna struggle continues, I
decided to try the terminated folded dipole. I scrounged a two watt
carbon 390 ohm resistor from the junk box and added a second wire to
my antenna that folds around my L-shaped lanai, 16 feet on one side
and 18 feet on the other side.

In the end, the antenna is a very flat loop of 24 gauge wire fed in
the middle of one run, more or less, with parallel line made of two
runs of coax into an MFJ tuner. At the end pole it is fanned out to
40 inches as it turns around at the ends and heads back towards the
center insulator. The resistor is approximately in the center more or
less opposite the center insulator.

At no point is the wire more than three feet from reinforced concrete
and it is boxed in on three sides by floors, ceilings and walls of the
lanai with a metal railing just below it. Hardly "free space".

Two things were immediately obvious. First it was quieter than the single wire dipole or other attempts at making a loop structure. It seemed to have a slight immunity to the RFI roar of the urban environment.

Second it was MUCH broader banded! This was shocking. My MFJ analyzer sees the creature as self resonant about 14.6 Mhz, but unlike the heavily structure-influenced single wire dipole which is sharp as a razor and needs retuning every 5 KHz, this terminated version is happy across the entire 20 meter band and easily tunes to a 1:1 SWR with a very mellow and broad dip.

It loads on 40 meters without any trouble, but attempts to transmit on it have so far failed. There is evidence that with difficulty it could even be forced to load on 80. If I had the 30 meter module for my TenTec it probably would load very well on 10 Mhz.

The very first call on 20 meters, however, netted a response at 9:28 p.m. local time, much later than I have even heard signals on previous versions. In Japan I was getting a 439 report as the band was failing for me. I can hardly wait to try this out when the band is usually open to the point where my previous antennas were managing a few contacts. The fellow on the Japan end was running a dipole only about 10 meters up and using 100 watts, no linear or big beam.

The antenna loads beautifully on 17,15 and 10 with no arguments or any funny hypersharp tuning required, making it a lot more pleasant to work with. I am very anxious to see if it is going to make contacts on 15 and 17 where I have had my best successes. It is extremely encouraging that it appears to work on 20 meters. My lanai was suspected of having some mysterious 14 Mhz feeding gremlin that was soaking up all the 20 meter vibes. There is an excellent chance the metal railing is self resonant at about 14 Mhz.

Sigh, there is always the chance this is a freak contact it is all due to that wonderful acne that is starting to recur on the sun's face.

But the very mellow tuning and extremely nice loading behavior of this T2FD version in such close proximity to reinforced concrete is in itself a real joy.

My various other designs with loading coils, helical wound elements, and various wire arrangements have all suffered from critically sharp tuning and difficulty in loading due to the proximity of all that concrete.

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [16448] The *ULTIMATE NorCal 40a Mod!!! (for me, anyway<g>)
Message-ID: <8D5302C.0004001E83.uuout@cheaha.com>

I had a nice visit this past fall from WB9RAA, Ed March, from up in Illinois. While he was here I showed him my NC40a and we talked a while about it (he did most the talking, I did most the listening<g>). He'd never worked qrp (though he got a surprise 38s in the mail since then) and was impressed with the rig. Well, all good things have to end and he and his family headed back to Illinois.

A couple of weeks later I got a package in the mail from him. A couple of small toys and a 10-TURN PRECEISION POT. Well, I hadn't really wanted to do any modding to my NC40a (it was my first kit...it'd be a sin to mar it with a mod), but the other day in a weak moment I installed the 10-turn pot. SHAZAM!!! SHAZAM!!! SHAZAM!!! It was purely amazing how installing that pot helped my tuning. I mean, I'm picking up stations that previously I'm sure I wouldn't have heard. It spreads the signals out so well that you can split two just a "tuning-hair" away from one another. I mean, this little mod really got me smiling.

I know, I know....everybody knows how well this pot change helps. But, for those out there that haven't done it or are not sure about doing it.....all I can say is....JUST DO IT! <g>

So, for something so simple as this I've done got all excited.
It's amazing, I tell ya, simply amazing!

72/73

Ed Welch KF4KRV

NorCal Member #???

1st Grand Poobah ScQRPion of Alabama

QRP-L #873 - FISTS #2964

Luverne, Alabama

Crenshaw County - Grid EM61

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+-----+  
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----  
+-----+
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> Isn't "time" a 4-letter word? <

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: ka7you@juno.com

Subject: [16446] Toroid assortment source
Message-ID: <19970403.011707.10271.5.KA7YOU@juno.com>

Somewhere recently, I saw a small add for an assortment of small toroid cores. It might have been in an older QQ (I just recently received the last two years worth), but I can't find it again. The ad stated the types and quantities and price. It seems to have been a QRP related ad, but I'm not sure.

Anyone remember it?

TIA es 7 3,

Rod Johnson KA7YOU CN97AK near Issaquah, Wa. 160M thru 1296 MHz
NWQRP#120 ARCI#7251
QRP-L#844

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Tiwari, Sameer" <stiwari@cwonders.com>
Subject: [16472] Trade or buy Oscilloscope
Message-ID: <BC07DA3001102E00@msgw.cwonders.com>

Would love to trade it for QRP equipment and/or
other measuring instruments.

Got two SS5702 Jiwatsu,
Dual Trace,
DC-20MHz,
4" X 3" blue display,
Backlit graticule,
20 V to 1mV settings,
with calibrate settings,
bought used, works fine,
nice.

If no trade then I would like to get \$200.00 for one of them.

If you would like to make a reasonable offer
reply via email only, stiwari@cwonders.com

Tnx
KF6HST
Sameer

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: w8lrm@qtm.net
Subject: [16399] Transistor Cross Reference
Message-ID: <199704030047.TAA20170@garcon.qtm.net>

The following URLs have either a downloadable Cross Reference
file or on-line search capability. Enjoy

www.nteinc.com/

www.pacificsemi.com/

.....de....W8LRM.....A1

MI-QRP #41 QRP-L #532 QRP-ARCI #6524
G-QRP #4152 NOR-CAL #246 CQC #289 (EN62RE)
>From Southwest Michigans Sunset Coast:
Saint Joseph, Berrien County, Michigan !

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: ALK0FRP@aol.com
Subject: [16436] transistor info
Message-ID: <970403002758_-1570355243@emout01.mail.aol.com>

ALL

Thanks to everyone who responded to my request for info on 2sc xsistors.

I have cross references but need the actual specs. I an just try to find the
perfect final for the Sierra. The OHR classic used 2sc2075 and did well on
20m. but don't know how it would so on 17-10 m.

The MRF 237 is a VHF xsistor but may work better on the higher bands. Some
have said that Dan's 2SC2075/MRF475 are not up to spec as original marked
xsistors.

Westgate has 2SC2075 for \$1.00 and and 2SC1978 for \$1.69.

Guess I'll order a few and just try them.

Thanks to all apreciate it

AL K0FRP

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997

From: ka7you@juno.com
Subject: [16447] TT 515 and audio filters
Message-ID: <19970403.015057.10271.8.KA7YOU@juno.com>

I have the Ten-Tec Argo 515, and I like it very much, but I don't have the Model 208-A Notch/CW filter. I have a Radio shack DSP unit, which works fairly well on the audio output, or an Autek QF-1A which also helps but is a lot more fussy to adjust.

Has anyone adapted another kind of filter into the IF/Audio accessory plug connector on the back of the Ten-Tec. The factory filter is in a low level audio circuit, just before the input to an LM380 amplifier circuit. The SCAF that OHR sells, looks promising, as does the little filter that EMTECK sells.

I'm looking for a little narrower filter for the CW mode.

7 3,

Rod Johnson KA7YOU CN97AK near Issaquah, Wa. 160M thru 1296 MHz
NWQRP#120 ARCI#7251
QRP-L#844

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
Subject: [16497] Visit this shack and drool!
Message-ID: <860105270.114626.0@gqrpclub.demon.co.uk>

I am starting a new page on my web site: Pictures of QRPers' shacks. Why not send me a picture file or colour print of yours for inclusion? The first picture is a very impressive one - that of Markus HB9JNH (G QRP'er of course!). Just take a look at the array of gear!

(direct url is <http://www.gqrpclub.demon.co.uk/hb9jnh.htm>)

I await to hear from you!

Thanks also to those who have sent me or will be sending me pictures of their projects (especially Dave G0DJA) for inclusion - I am working on them as time permits. More are needed (rig, atu, whatever). Any format or a print will do.

Again, as the song says 'How about you'?

---72/3---Frank G3YCC G QRP 042
QTHR (Kirk Ella, East Yorkshire)
QRP Web site: <http://www.gqrpclub.demon.co.uk>

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997

From: tahrens1@juno.com (Tim H. Ahrens)
Subject: [16482] Wanna Swap? Index/Scout/940/etc/etc
Message-ID: <19970403.134223.9175.0.tahrens1@juno.com>

It's time to clean the shack. and move things
around! I'd like to swap the stuff vs sell,
so you don't see any prices on the stuff.
(oh well, I can try, eh?)

Yaesu 6 meter All mode FT-690 Portable/QRP
Included is a 6 meter to 40 meter transverter
(home built)

AEA PK232 - Not new version - one of the oldies

Sharp Zaurus ZR5800 - high end organizer NIB
with IR Serial Link

Poqet - DOS based Palmtop - 640k with Serial/
parallel ports, battery powered hard disk

Ten Tec Argosy 525 Serial 806 Analog with
digital retrofit

Wilson WE800 2 meter FM transceiver

Various VHF Commercial FM rigs (synthesized)

Box full of tone pagers (vhf) 154.415. Wilson &
NEC. You pay shipping. Wouldn't use for pager,
but pretty good monitor receivers.

Please reply directly to me.

Thanks!

Tim W5FN

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [16443] Weak Signal Work.
Message-ID: <8D53009.0004001E59.uuout@cheaha.com>

-> "Dig for a weak signal, as you would have the other operator
-> dig for your weak signal."

->
-> In other words, if we can dish out the weak signals, we, of all
-> people, had better be able to dig 'em out.

Shucks, that's all I work is weak signals.....I got sensitive ears and
can't stand the earphone busting signals....tune right on pass the loud
ones....unless, of course, it's that rare dx. :)

72/73

Ed Welch KF4KRV

NorCal Member #???

1st Grand Poobah ScQRPion of Alabama

QRP-L #873 - FISTS #2964

Luverne, Alabama

Crenshaw County - Grid EM61

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+-----+  
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----  
+-----+
```

> Isn't "time" a 4-letter word? <

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: ALK0FRP@aol.com
Subject: [16501] weak signal work
Message-ID: <970403182919_-702808958@emout17.mail.aol.com>

ALL

I agree with the comments made by many on weak signal work.
I am not like the the QRO operator comments (why bother with the weak ones
that make us strain to hear).
I enjoy digging out the weak ones. And as Joe, AB7TT says some have better
ears than others but its all in the human ear filtering. That just takes
practice. I now on field day others have said "how did you hear that report"?
well just experience. I learned by digging out weak DX in my days of QRO.
Plus experience in Contests, digging out signals in very crowded conditions.

Yes I have very good antennas but that is not the solution to all problems,
weak signals still will be there. I've dug HP1AC and V01DRB out of the mud
on 40M. Or Tuesday nite in the W0CQC operation on 40m digging a few out of
the mud . It may take 3-4 trys but usually I get the report.
Try the beacon Stations like WA3NNA, Pete provides an excellant method of
digging out a weak signal. I was able to get 2w, 200mw, and 20 mw this last
week end. with poor conditions his 2w signal was not over S3, so imagine were
the level of the 20mw signal . My DSP unit is not here but hope to have it
for the ARCI contest this weekend. That should help my tuned ears a bit.

For the most part just like everything else, it takes practice, practice , practice.

If you hear me in the Contest just try me I'll do my best to pull you out. and in maybe 3 to 25 years of contesting and DXing you'll get there (results may vary, disclaimer).

There is nothing wrong with good filters , IF, Scaf, DSP, Audio etc. It just makes it easier.

AL KOFRP

CQC #32,qrp-1 #366, ARCI # 8601, AKQRP #73

Total DXCC 308 worked QRO, 66 QRP since July and WAS QRP since July.

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997

From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>

Subject: [16406] WIMPS DX, ETC.

Message-ID: <19970401203009.AAA20119@LOCALNAME>

Well, after being beaten soundly by a snow shovel and a 90lb. Lab/Bouvier puppy this morning, (so much for Gentle Spring baloney) -I devoted time to 17 & 30m WIMPS. Of course... I sent the notification of my sched to the QRP admin. address by mistake, so CQ'd for 2 hrs on each band in vain looking for company. My efforts weren't in vain tho -UT5UIA, Serge came back (30m) -gave me 559 w/my 5 watts and half-square. (BML is down due to 50mph winds breaking trees again.) He'd never worked QRP DX before, so I asked if he'd mind if I dropped to 1 watt for a try. He gave me a 439! Even tho feeling like I've been beat up and dragged thru the city... (snow) I'm really happy about the contact and prospects for WIMPS.

BTW -managed to get the 15M Sterba up and running before the blizzard, -but the band has been rather dead ever since. (5 days) It's beaming a tad north of east so good for DX to So. Pac. and Europe, Mid-east. GIVE ME AN OPENING!

Will have BML up tomorrow, so will be back on ALL bands for WIMPS. Anyone looking for a sched/experiment session pls notify me directly via net.

72 =S=

Big Mamma Loop = 1400' hexagon @ 50' - 80'; (all bands, omni-dir.)

Nested Half-Squares @ 50'. (40m, 30m, 17m, 15m, beaming E-W)

Sterba Curtain @ 45'. (15m, beaming E-

"Seab" Lyon - AA1MY

Bethel, CT; FN-31-HJ

ARCI#9253; QRP-L #574

NEQRP#511; ARRL; QCWA

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
Subject: [16407] WIMPS DX, ETC.
Message-ID: <19970401233419.AAA25059@LOCALNAME>

>
>Well, after being beaten soundly by a snow shovel and a 90lb. Lab/Bouvier
>puppy this morning, (so much for Gentle Spring baloney) -I devoted time
>to 17 & 30m WIMPS. Of course... I sent the notification of my sched to
>the QRP admin. address by mistake, so CQ'd for 2 hrs on each band in vain
>looking for company. My efforts weren't in vain tho -UT5UIA, Serge came
>back (30m) -gave me 559 w/my 5 watts and half-square. (BML is down due to
>50mph winds breaking trees again.) He'd never worked QRP DX before, so I
>asked if he'd mind if I dropped to 1 watt for a try. He gave me a 439!
>Even tho feeling like I've been beat up and dragged thru the city... (snow)
>I'm really happy about the contact and prospects for WIMPS.
>
>BTW -managed to get the 15M Sterba up and running before the blizzard, -but
>the band has been rather dead ever since. (5 days) It's beaming a tad north
>of east so good for DX to So. Pac. and Europe, Mid-east. GIVE ME AN OPENING!
>
>Will have BML up tomorrow, so will be back on ALL bands for WIMPS. Anyone
>looking for a sched/experiment session pls notify me directly via net.
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>Big Mamma Loop = 1400' hexagon @ 50' - 80'; (all bands, omni-dir.)
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>
"Seab" Lyon - AA1MY
Bethel, CT; FN-31-HJ
ARCI#9253; QRP-L #574
NEQRP#511; ARRL; QCWA

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: John Mckee <JMckee@RFMD.COM>
Subject: [16453] WQ4RP on 30m from NC Outer Banks
Message-ID:
<c=US%a=_%p=RF_Micro_Devices%l=PACHACUTEC-970403133634Z-86@pachacutec.rfmd.com>

Hello Gang,

Don't forget about the Knightlites/WQ4RP QRP expedition to Portsmouth Island on the North Carolina Outer Banks this Friday and Saturday. We'll be on 80,40,30, and 20 meters. The IOTA number is NA-067 and Portsmouth is located in Carteret County. This is a rare one. We're issuing a commemorative QSL for this event.

Get those 38S on the air and listen for our 30m station between 10.116 and 10.126MHz. I'll be using my GM-30 and a vertical (not too many tall trees on a barrier island). Hope to run up my WIMPS count. Chuck, see you there too. This is going to be a fun weekend.

73

John WB40FT

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: k7sz@juno.com (Rich H Arland)
Subject: [16495] WTB: Yaesu SSB filter
Message-ID: <19970403.222001.6799.0.K7SZ@juno.com>

gang:

Just acquired a 20 year old Yaesu FT-301S HF QRP rig. I am in need of the XF-92A SSB filter for this radio. I seem to remember that this filter also fit several of the other Yaesu rigs of the 1970s.

73 es tnx.

rich K7SZ

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
Subject: [16461] Yet another 38S lives
Message-ID: <Pine.OSF.3.95.970403095227.31326A-100000@duke.usask.ca>

I finally finished the basic rig last night. No smoke. Listened for stations and adjusted TC1. I could only find one peak. I started removing turns from the secondary of the transformer. I finally got two peaks with 16 turns. Then I adjusted TC2 for a nice wave form on the O-scope. Unfortunately 10Mhz it is right at the limit of the scope. I plan to check the output against a general coverage receiver soon.

I mounted the radio in a Snowchocs metal box, to kind of remind me of the winter we had. Perhaps I'll name it the -38 special ;-)

BTW Have others had to go as low as 16 turns on the transformer?

```
+-----+
| Brian Buydens,           Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca      http://duke.usask.ca/~buydens |
| VE5RDV                               |
+-----+
| Keep Cool, but Don't Freeze          |
|           - Hellman's Mayonnaise     |
+-----+
```

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Joe Everhart <n2cx@voicenet.com>
Subject: [16410] Yet More Rainbows in the mail
Message-ID: <199704030211.VAA23926@mail3.voicenet.com>

Gang,

OK, another shipment of Rainbow tuners went out in today's mail.

Numbers thru 260 have been shipped. UPS willing, the rest of the boards should arrive "any day now" and kits thru # 300 will go out by the end of the week.

There will be a slight hiatus while we service kits for NJQRP members, who have been waiting patiently for the rest of the orders to be shipped. As reported earlier, the target to ship the second build is the end of April.... Of course we *will* take some along to Dayton in May!

And to think that Doug and Jim do this while putting out QRPP, too!

Speaking for NJQRP

72/73,

Joe E., N2CX

from Southern New Jersey, y'all

work: jeverhart@cayman.vf.mmc.com

home: n2cx@voicenet.com

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Don Faith <Faithd@worldnet.att.net>
Subject: [16420] [Fwd: Re: First QRP rig for Novice/Tech]
Message-ID: <334312B4.24D1@worldnet.att.net>

This is a multi-part message in MIME format.

-----4090727F766A
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If you would be running your Novice/Tech+ 48S near a PC be aware of Ori's comment that there may be hash from your PC if using the 14.3... Mhz xtal for the IF and filter. I checked my PC and did find a tone on that frequency from my PC but it was not a strong signal (I don't have the cover on my PC screwed down v. well but the cover is on). The other thing is that the 14.31818 is within the 20m band so it could have an affect on an adjacent rig (???). I already have the Xtal's on order and will probablbly give it a try anyway (though I may see if I can fit in a crystal socket to mount the crystals to simplify changing crystals and experimenting).

>Ori wrote:

>The possibility of 15.0 IF is a good one. This crystals are
>readily available and will not receive garbage from your
>PC, which uses a 14.3 MHz crystal...
>This IF is a bit high, but it's a simple swap that should work.I> would expect
the same range as a 38S, using the 6.2uH
>seems to be the best as for getting down to 7.100 MHz.
>Follow the other steps outlined in a posting last week about
>a 48S (see below), re-tune the offset cap C21 and
>experiment with C9, C10 and you should be in business!

>72 ES GL

>ORI AC6AN

>----- attached mail (edited) -----

>T1 22 turns (1.8 uH)	C3 -> 250 pf
>L2 25 turns (2.6 uH)	C22 -> 150 pf
>L3 10 turns (.37 uH)	C28 -> 1200 pf
>L4 14 turns (.83 uH)	C29 -> 820 pf

>(from a posting by Marty Himes WB8FNH)

-----4090727F766A

Content-Type: message/rfc822

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

From: ori@juno.com (Ori K Mizrahi-Shalom)

Received: from m2.boston.juno.com ([205.231.101.199])

by mtigwc02.worldnet.att.net (post.office MTA v2.0 0613)

with ESMTP id AAA11567 for <Faithd@worldnet.att.net>;

Tue, 1 Apr 1997 06:19:25 +0000

Received: (from ori@juno.com) by m2.boston.juno.com (queuemail)

id BYI22681; Tue, 01 Apr 1997 01:17:30 EST

Subject: Re: First QRP rig for Novice/Tech

Message-ID: <19950331.221125.4415.5.ori@juno.com>

X-Mailer: Juno 1.15

X-Juno-Line-Breaks: 0-25

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997

From: mdwatt@usit.net (Marty Watt)

Subject: [16457] Re: (fwd) UPDATE -- 38 Special Construction Manual

Message-ID: <3343c22b.72163060@smtp.usit.net>

On Thu, 03 Apr 1997 00:49:15 -0800, Norm Melick

<henmel@worldnet.att.net> wrote:

>Hello Marty,

>

>How are you doing?

>

>I am down to installing the pushbutton for the tick mod. On page 8 of
>your manual, under TiCK mods, step 2, you have one side of the push
>button switch to pad 5, and the other to pad 10. I believe that both
>sides of the switch are now grounded. Pad 5 is the paddle ground.

This is *partially* correct -- one side of the TiCK pushbutton
should go to pad 8, the other can go to a ground pad (pad 5 is fine,
but you can also use pad 10).

Sorry for the inconveninece -- also, the 22.118MHz crystal in my
version of the manual is called X2, it should be X1.

Thanks, Norm, for catching this. Thanks to all the beta testers who are discovering my typos and errors. Please update the information you have accordingly.

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Kory Hamzeh <kory@avatar.com>
Subject: [16425] Re: *** SIERRA REPORT ***
Message-ID: <Pine.BSI.3.91.970402192005.29058A-1000000@avatar.avatar.com>

I'm happy to report that my Wilderness Sierra came right up! I needed to change one cap to lower the VFO, but other than everything came together very nice! I haven't had a QSO yet (haven't tried) 'cause I'm too excited.

MUST CALM DOWN....MUST CALM DOWN...

I love this stuff! OK, I've got 5 more band modules for build...

Kory
AC6RN

On Thu, 3 Apr 1997, Brian K. Short wrote:

> Managed to find time today to mount a few more components
> on the Sierra main board: transistors, chips, pots, jacks,
> crystals, etc. Almost everything is mounted, now.
>
> 1) bought 47pf 50v disc at Radio Shack (vs 100v not supplied)
> all they had and and not in their variety pack either
>
> 2) discovered that (2) 22uf electrolytics were not supplied
> still need to search junk box, likely have those
>
> 3) still have the toroids to wind and a band module, too
>

> Brian K. Short k7on@qsl.net QRP-L #1031 NC38s (602)839-3484
> WIMPS: Qs=017 30m=17 17m=0 12m=0 States=12/00/00 DX=02/00/00
>
>
>

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Rick Hadley" <r.hadley@www.mebbs.com>
Subject: [16421] Re: 30 mtr dx
Message-ID: <3.0.1.32.19970402204551.0069013c@www.mebbs.com>

At 04:34 PM 4/2/97 -0800, WD6FDD wrote:
>Just got PT7WX.....00:30 Z.....10104 kc
>--

W0FG got him also about 02:20 with a 599 report from the 38S. I signed
/QRP on my last transmission and he came back with "QRP but 599 - very
strong". Ya' gotta love it! That was #16 with the 38S...#15 was C6AJQ
about two hours earlier.

Rick Hadley, W0FG
Life Member ARRL
QRP-L #1019
r.hadley@www.mebbs.com

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: tahrens1@juno.com
Subject: [16427] Re: 30 mtr dx
Message-ID: <19970402.212540.4895.0.tahrens1@juno.com>

Hey Rich - I got him too! 38 special, stock! .25 watts
gee, I was 599 to him too! Wow, What Power! hehe

cu

Tim W5FN

On Wed, 02 Apr 1997 16:34:13 -0800 Richard Wilkerson <richqrp@cts.com>
writes:
>Just got PT7WX.....00:30 Z.....10104 kc
>--
>Rich Wilkerson, WD6FDD, Santee, Ca.

> NorCal, ARCI, ScQRPions, E.C.R.A.
>
>

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Dave & Connie Matthews <dmatt@frontiernet.net>
Subject: [16417] Re: 50/40/30 or FSFM Special Station
Message-ID: <199704030144.UAA42792@node1.frontiernet.net>

"Michael A. Gipe" <mgipe@reliablemeters.com> writes:

>KB2YWT will be operating in the N/T section of 40 meters, so turn the dial
>and look for him there.

>David is eager to see what being in a pileup is like, so let's bury him
>with QSOs!

>Mike K1MG

Please do. I have exactly 2 states and am really need to get to a real 5 wpm. I will gar-un-tee that I can copy at 4.999 wpm and am only slightly deaf. If you can work me I will (yes I will) send a special Hale-Bopp card with a dipole ending in beautiful downtown Retsof - 4 streets including 2 named Retsof road and ave. I live on Tenth Street. You try to figure it out. Amazing the card that you can come up with when you have a \$50k color laser on the end of the network! I told the boss that it was a graphics training exercise.

I will probably start up at about 20:30 Thursday local and will try to hang in until 23:00 local. I think that that covers the 02:00-04:00 that is specified.

Look for me at 7.112. If the conditions are bad I will head for the 7.106-7.108 area. Monday night the band was pretty decent at 22:00 local so 7.112 is probably a good bet.

Dave
KB2YWT - at the lat and long that K5F0 posted.

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: n4js@amsat.org
Subject: [16494] Re: Bands dead?
Message-ID: <XFMail.970403170934.n4js@amsat.org>

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Jim (AL7FS) and Nancy (KL7NY) Larsen" <larsennnc@alaska.net>
Subject: [16438] Re: FSFM - AL7FS on Saturday, April 5 - (long)
Message-ID: <334348C6.178B@alaska.net>

Byron8LCZ@aol.com wrote:

>

> May I recommend you try some CQ's on 40m starting at 2200z every half hour
> for 5 minutes. In case, 40m opens early. 40m is the only band that I've NEVER
> worked Alaska on.

Well, I suppose I could check, but realize that 2200z is 1 pm in the afternoon and is 6 hours and 45 minutes from sundown. The likelihood of the band being open even by 0000z is small. Still, I will be sensitive to your request and maybe go check.

>

> On your last QRP day at the antenna farm, did you manage to work Mich on 40m
> ? if not, did you get close, Ohio, Ky, Ind ?

>

Yes, I did work into that general area. Mostly on 20 meters as I recall. Seemed like the east coast was better on 40 mtrs. Go figure.

> I'll also be looking for you on 15m and 30m.

>

Sounds like a plan. Tell the bands to cooperate, will you?

73,
Jim
AL7FS

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Roger Hightower <n7kt@dancris.com>
Subject: [16416] Re: Gear Request: Shrunk WM-2
Message-ID: <334316B2.330A@dancris.com>

Well, Joe, the biggest part of the WM-2 and the reason for the large case is the meter. If you cut the case down to about 2" in height and mounted the meter in the top (facing up) it might fit your needs.

--

72/73 de Roger N7KT Mesa, AZ Grid DM43cj
NorCal 40-9er, NC38S, NC-40A, Cascade, OHR Explorer 20, 30M, OHR400,
HW-9
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Larry East <w1hue@amsat.org>
Subject: [16460] RE: Help w/QRP+
Message-ID: <2.2.16.19970403154216.142f4e46@eloi>

>Anyone know whether the AGC on a QRP+ can be user-disabled or at least
>turned *way* down? How? What bad stuff can happen, if anything?
>
Sure, it can be disabled... but a better approach might be to add an RF gain
control (which actually controls the AGC voltage) as outlined in my article
in the January '96 issue of the ARCI QRP Quarterly. (The circuit described
is recommended by Index.)

72, L.

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Larry East <w1hue@amsat.org>
Subject: [16459] Re: How Contact Index Labs?
Message-ID: <2.2.16.19970403154216.1c37afc0@eloi>

>I have have been try to get a new eeprom from them for 2+ months now (they
>have my money)... they been completly unresponsive to messages left on the
>answering mechine, the 1 time I did talk to someone (after waiting 1 month)
>I was told "real soon now".
>
Good luck -- I'm still waiting for some parts I ordered in November! (No
money sent, however...) Also, no response to a FAX sent in January. Maybe
they are still trying to sort out the "merger".

72, Larry W1HUE/7

PS -- There are three articles dealing with QRP+ mods/improvements in the
April ARCI QRP Quarterly. A copy should arrive in your neighborhood any day now.

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: n4js@amsat.org
Subject: [16466] Re: How Contact Index Labs?
Message-ID: <XFMail.970403122401.n4js@amsat.org>

On 03-Apr-97 Larry East expounded:

>>I have have been try to get a new eeprom from them for 2+ months now (they
>>have my money)... they been completly unresponsive to messages left on the
>>answering mechine, the 1 time I did talk to someone (after waiting 1 month)
>>I was told "real soon now".
>>
>Good luck -- I'm still waiting for some parts I ordered in November! (No
>money sent, however...) Also, no response to a FAX sent in January. Maybe
>they are still trying to sort out the "merger".

Well, I bought my QRP+ from Steve, AB7HI, and have been nothing but pleased with it. Before that, at the end of Novemeber, I had called Index about purchasing a new one. I left my name and number on an answering machine. They never got back to me, so just as well. Steve burned my an "updated" prom, so the keyer works better, and I have my call at power on. Also, with the new one, the filter seems to work better. (I have an original, serial #326). Anyway, great rig, but not Ten-Tec service!

Speaking of Ten-tec, I ordered a new toy from them for my birthday. (Somebody has to do it). I mentioned I had an old Argo 505, that works great, except for dial cord problems. They volunteered to send me a dial cord kit, gratis. Now THAT'S nice service! I didn't even think you could get one.

And speaking of rigs, another contact with the ARK4. It's working VERY well. It will be part of the "N4JS Afloat" station.

Sent at 12:24:01 on 03-Apr-97

John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@n4js.ampr.org NJ Grid:FM29LN
http://www.pobox.com/~n4js
NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
NE-QRP #507 G-QRP #9544 NorCal QCWA FISTS #2781
WIMPS Qs=004 30m=4 17m=0 12m=0 States=01/00/00 Countries=04/00/00

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Joe Gervais <vole@primenet.com>
Subject: [16488] Re: INITIAL ROSTER OF THE BUMBLEBEES
Message-ID: <199704032100.0AA01425@usr04.primenet.com>

Howdy Folks,

```
> Here is the initial roster of the Bumblebees.  
> ...  
> Lorraine Aubert      AC6XK      1
```

Since Lorraine is Bumblebee #1, how about designating her Queen Bee and making her worth bonus points? :-)

Cheers de AB7TT (Drone #18),

-Joe, vole@primenet.com, AZ ScQRPions

"It was the monkeys! The monkeys did it!"

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Chris Cartwright <ccart@dns.vidtel.com>
Subject: [16491] Re: INITIAL ROSTER OF THE BUMBLEBEES
Message-ID: <Pine.LNX.3.93.970403161256.1508A-1000000@dns.vidtel.com>

On Thu, 3 Apr 1997, Joe Gervais wrote:

```
> > Lorraine Aubert      AC6XK      1  
> Since Lorraine is Bumblebee #1, how about designating  
> her Queen Bee and making her worth bonus points? :-)
```

First they were calling us WIMPS, now we're going to be DRONES? What are we going to be for "Worked All New Zealand", SHEEP? Actually I really like the idea Joe, now if I can just shed this T+ skin and get to 13 wpm so I can come down and play with y'all. 4/19 is the day!!

-- Christopher Cartwright, Tech. Engineer		...our chief weapons are fear,
-- Voice 301.990.0735 N3XRV QRP-L #655		fear and surprise, and nice
-- Mail ccart@vidtel.com		red uniforms, oh damn!!
-- ccart@erols.com		-- Monty Python

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Dan Hogan <dhhogan@lightside.com>
Subject: [16500] Re: Need OHR DD-1 Freq Counter info
Message-ID: <3.0.16.19970403152210.2e17fde6@mail.lightside.com>

Al:

The direct reading part has a separate connection and a slide switch changes from direct to Prog Mode (reading the TX VFO). The Prog Mode you need to take care in aligning. Otherwise it's an easy kit. I had a bit of trouble with freq shift, turned out that the power transistors were touching the case. In all I'm happy with it.

72/73

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,
dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533, FISTS #2949
Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: DM84wc

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997

From: Roger Hightower <n7kt@dancris.com>

Subject: OHR Inventory Reduction Sale

I just received an Inventory Reduction price list from OHR. Great prices!

Rig	Was	Now
OHR-400	\$319.95	\$250.00
CL2040	219.95	150.00
Keykit 400	39.95	30.00
Keykit Classic	39.95	30.00
OHR 100 (20,30,40,15M)	129.95	99.00
WM-2 Wattmeter	94.95	69.00
SCAF Audio Filter	69.95	50.00
DD-1 Digital Dial Kit	79.95	58.00

No connection with OHR...just a very satisfied customer, and passing this along.

--

72/73 de Roger N7KT Mesa, AZ Grid DM43cj
NorCal 40-9er, NC38S, NC-40A, Cascade, OHR Explorer 20, 30M, OHR400,
HW-9
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997

From: torell@sicom.com (Kent Torell)
Subject: [16462] Re: propagation news
Message-ID: <v02130501af697ac9ae21@[192.91.202.41]>

>Kent, what is best guess for Saturday conditions when I go up to KL7Y's
>QTH? I
>can't seem to interpret these things very well.

Oh dear, my biggest fear...a propagation question from the auroral region!
:-(As you well know, you're in the worst possible place (tongue in
cheek).

A bunch of warnings have come in overnight, some in more of an english
format! A quick summery: the sun threw off a chunk of itself, called a
coronal mass ejection. this was observed by some satellite way out there,
and they figure it takes around 3 days to get to us. When it hits the
earth, it pushes the earth's magnetic field in a little...kind of like
pushing on a balloon. This roils up the ionosphere, and can do a whole
bunch of things, good or bad. Auroral activity will increase. They don't
have the timing or trajectory precisely known, so the exact timing isn't
known...we'll know after the fact!

Since the paths you'll be trying to work will be to the US it won't be as
bad as polar path propagation. And, maybe it will be Very Good during the
start of the storm, like we saw a month ago, with propagation around the
world. Some of the guys here in Arizona were hearing their 1 watt cw
delayed about 150 mS...round the world propagation!

excerpts follow:

This disturbance is not expected to be particularly intense, although
periods of minor to major geomagnetic storming are a distinct possibility,
particularly over the higher latitude regions. Confidence is fairly high
that the disturbance will intersect with the Earth.

HIGH RISK PERIOD: 04 - 05 Apr (UT days)
MODERATE RISK PERIOD: 04 - 06 Apr

POTENTIAL LOW-MIDDLE LATITUDE STORM INTENSITY: MINOR
POTENTIAL HIGH LATITUDE STORM INTENSITY: MINOR

POTENTIAL DURATION OF GEOMAGNETIC STORM: APPROX 36 TO 48 HOURS
DURATION OF MAIN BELT OF ACTIVITY: APPROX 18 TO 24 HOURS

EST. POTENTIAL GEOMAGNETIC IMPACT

SEVERE STORM : 5 %

EST. POTENTIAL IONOSPHERIC IMPACT

LOW LATITUDES : MINOR

MAJOR STORM : 15 %
MINOR STORM : 40 %
ACTIVE OR LESS : 40 %

MIDDLE LATITUDES : MINOR
HIGH LATITUDES : STRONG MINOR
POLAR LATITUDES : STRONG MINOR

PROBABLE SI ASSOCIATION : 40%

ESTIMATED GLOBAL IMPACT: MINOR

ESTIMATED FORECAST PEAK PLANETARY 24-HOUR A-INDEX DURING STORM: 30

POTENTIAL FOR MIDDLE LATITUDE HF DEGRADATION: MODERATE
POTENTIAL SEVERITY OF HF DEGRADATION: MINOR
EXPECTED HF PROPAGATION CONDITIONS: FAIR TO OCCASSIONALLY POOR
(WITH BRIEF VERY POOR PERIODS)

POTENTIAL FOR HIGH LATITUDE HF DEGRADATION: MODERATE
POTENTIAL SEVERITY OF HF DEGRADATION: STRONG MINOR
EXPECTED HF PROPAGATION CONDITIONS: POOR TO OCCAS. VERY POOR

>From the aurora watch bulletin:

An Earth-crossing solar coronal mass ejection related to a recent minor solar flare has been confirmed by recent spacecraft observations of the Sun. The disturbance is expected to reach the Earth and intensify levels of auroral activity on 04 and 05 April. Periods of moderate activity are expected to accompany this disturbance which should provide periods of visible activity over many middle latitude dark-sky sites. The favorable phase of the moon (new-new phase) will increase the likelihood of observing activity from the middle latitudes. This is not expected to be an intense event, although sporadic substorming could produce bursts of fairly strong activity, particularly for upper-middle latitude regions. Activity should begin subsiding later on 05 April and 06 April.

from spacecraft warning bulletin:

Spacecraft observations of the Sun have confirmed the existence of a solar flare-related coronal mass ejection disturbance that is currently in-transit to the Earth. Impact with the Earth is expected on 04 April (or at the earliest, late on 03 April). This disturbance is not expected to be very intense, but it should elevate levels of geomagnetic activity sufficiently to produce potential surface charging related anomalies for geosynchronous spacecraft, particularly during the local midnight to sunrise satellite sectors. Similar charging anomalies may be observed on lower-altitude satellites with inclinations in excess of approximately 45 to 50 degrees. Subsequent anomalies may result in electrical upsets. These

conditions could persist through most of 05 April. Improvements are expected on 06 April as this disturbance passes and subsides.

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB70A scQRPion 6,qrp-1 57,ARCI 9075 DM33xn 33.55 N 112.078 W

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: DYARNES@aol.com
Subject: [16435] Re: QRP Hide Outs/GPS/Web Maps
Message-ID: <970403002501_989015427@emout01.mail.aol.com>

I say Meteor Crater.

72 de David W7AQK

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Doug <doug@sunrise.alpinet.net>
Subject: [16428] Re: QRP+ Memory
Message-ID: <33432AA6.4E7C@alpinet.net>

Hi Bob....most likely you're right about the battery. It dosent take too much to check it...just a voltmeter and an idea what it should read. I think it takes a 2016 Lithium cell....not too expensive to be sure you've got it fixed. Swap it out just to be sure.

I just got a nasty bug out of my Qrp+...had an intermittent cap in the Bfo output circuit, made me crazy 'cause the trouble wouldnt stay in long enough to catch it. But, finally got the scope on it and waited for it to fail. 'Turned out to be the series cap out of the Bfo...
a 0.01 mono.

I've not had any luck getting Bruce on the phone out at Index to tell him of this trouble...not that it's any big deal, but thought it'd be a good thing to tell him.

So...on we go.

73 and good luck

Doug, K7YD

Livingston, MT

Bob Cutter wrote:

>
> My QRP+ has lost the memory frequencies when I turn it on. I can restore
> the "stock" frequencies by turning on with the "memory" button down.
>
> Has the battery gone south?
>
> 72, Bob KI0G

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [16474] Re: QRP-ARCI "QQ" April, '97/FDIM/Solar/QRPTTF
Message-ID: <Pine.SUN.3.90.970403100051.15781B-100000@vortex>

On Thu, 3 Apr 1997, Jay D Miller wrote:

> Ron (KU7Y),
>
> Nice job on the current "The QRP Quarterly", from QRP-ARCI. My copy had
> come in yesterday's mail.

Great!

> Who is N0EB ("QRP Club House Column Editor, page 8) ? What's the
> matter, Bob can't keep a job, or was he run out of town again ? ;-)

Hmmmmmm, N0EB eh? Egad, that rings some kind of bell..... :-)

> Good Luck, Ron (KU7Y) & Crew (KI6DS, NA5N & AB7ST) outside of Rachel,
> Nev., near Area 51, during QRPTTF. It's a good thing that You are leaving
> Your' Spouses, in Las Vegas, Nev., with the checkbooks & bank accounts.

> PS Ron, can I obtain my Area 51 QSL card now, just in case ? ;-)

All QSLing will be done by the badgers.....they have to do it
cuz they will also be doing the logging too!

QSL cards for ESP contacts require at least a \$1,000 bill in the
SASE..... :-)

> Live from wind blown (70+ mph right now) New Mexico...

Hmmmmm, that's a calm day here at the lake.

Thanks for the nice note about the Quarterly. That bunch of folks on the back cover really do a lot of good work. All I have to do is take all the credit for the good stuff and blame them for any of the bad stuff!! Ain't nutting to dis ediding stuff!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Roger Hightower <n7kt@dancris.com>
Subject: [16484] Re: Question, Coax switches
Message-ID: <33440C48.1818@dancris.com>

Scott,

I do it all the time. My Alpha-Delta Delta 2 switches the antenna between a QRO rig and an Alpha Delta Delta 4, through which I can bring up any one of four QRP rigs. Works Fine.

I tried the MFJ switches, but they weren't consistent. Alpha Delta switches are more expensive, but seem to last longer.

--

72/73 de Roger N7KT Mesa, AZ Grid DM43cj
NorCal 40-9er, NC38S, NC-40A, Cascade, OHR Explorer 20, 30M, OHR400,
HW-9
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Stanley Wilson <microres@crl.com>
Subject: [16429] Re: Recommendations and Sources for Scopes
Message-ID: <Pine.SUN.3.91.970402200559.8076B-100000@crl10.crl.com>

These models are very big. weigh a ton. I think the 585 is a sampling scope and if I remember correctly full of tunnel diodes. Take one of them only if it works and is free.

go to a couple of hamfest and you should find something cheap and that will fit on a bench. These are all models from the early 60's.

de stan

On Wed, 2 Apr 1997 KA3J@aol.com wrote:

> I know this has been asked before but unfortunately I didn't save the
> information. What are the best commercial sources for used scopes? Also,
> would like to hear your recommendations for specific models -- dual trace, 50
> MHz minimum. I've heard that the Tektronix 585, 545, 547 are good
> instruments. Other ideas? Thanks for your help.
>
> 72,
>
> Ron
> KA3J
>
>

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Neil Heckt <neil@aade.com>
Subject: [16441] Re: Recommendations and Sources for Scopes
Message-ID: <33434F1B.2778@aade.com>

KA3J@aol.com wrote:

>
> I know this has been asked before but unfortunately I didn't save the
> information. What are the best commercial sources for used scopes? Also,
> would like to hear your recommendations for specific models -- dual trace, 50
> MHz minimum. I've heard that the Tektronix 585, 545, 547 are good
> instruments. Other ideas? Thanks for your help.
>
> 72,
>
> Ron
> KA3J
check <http://www.valuerocket.com/gear.html>
bought a Kikusui COS6100M 100Mhz dual channel dual sweep for \$250
Every bit as good as a Tek 465 for half the price.
Unit was in nearly new condition
--

Neil

Homebrew Heaven at <http://www.aade.com>

Home of L/C Meter IIB and Digital Frequency Display

Links to sites of interest to Engineers, Amateurs and hobbyists

interested in Circuit Design and construction.

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Makoto Minowa <minowa@icepp.s.u-tokyo.ac.jp>
Subject: [16440] RE: RF transistor specs
Message-ID: <199704030628.PAA23672@yanagi.icepp.s.u-tokyo.ac.jp>

Al,

Here are specs for 2SC2075 and 2SC1968 quoted from THE HIGH FREQUENCY
DEVICE MANUAL 1990 edition, CQ Publishing, Tokyo.

2SC2075 is Toshiba's HF RF power transistor.

Maximum ratings

VCB0 = 80.0 V
VEB0 = 4.0 V
IC = 4.0 A
PC = 10.0 W for TC=25 deg C
Tj =150.0 deg C

Electrical characteristics

ICB0 = 10.0 uA(max) with VCB=30 V, IE=0
hFE1 = 25.0 (min) with VCE= 5 V, IC=0.5 A
hFE2 = 15.0 (min) with VCE= 2 V, IC=3 A
fT =100.0 MHz(typ)with VCE= 5 V, IC=500 mA
Cob = 40.0 pF(typ) with VCE=10 V, IE=0, f=1MHz
Po = 3.5 W (min) with VCC=12 V, f=27MHz, Pi=0.3 W

pin assignment is

```
-----  
|      |      |===----- E  
| ( ) |      |===----- C  
|      |      |===----- B  
-----
```

Fin is connected with the collector

2SC1968 is Mitsubishi's --UHF-- RF power transistor.

Po = 16.0 W (typ) with VCC=13.5 V, Pi =6 W, f=470 MHz

Since it is for UHF, most of you may not have much interest.

Therefore, I do not quote the full data for it. Those who really
want detailed spec of 2SC1968, please ask me by e-mail.

Hope this helps you.

7N3WVM

MINOWA, Makoto

QRP-L member #572.

A bigot with no Yaesu, no Kenwood and no ICOM in his shack.

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997

From: k7sz@juno.com (Rich H Arland)

Subject: [16394] Re: Solar panels

Message-ID: <19970403.000551.6583.3.K7SZ@juno.com>

At one time, Mike Bryce, WB8VGE, was selling some Arco panels (40 or 45 watt). If you want some serious PVs, contact Mike. At Dayton '94 he was selling them at the QRP Hospitality Suite.

73 es GL

rich K7SZ

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997

From: TMOLL@aol.com

Subject: [16454] Re: Static Puzzle

Message-ID: <970403083609_-1838554994@emout07.mail.aol.com>

Eric -

What you describe is most likely a high pressure sodium street light somewhere nearby that has a bad lamp in it. This causes the ballast in these light fixtures to attempt to restart the lamp periodically. This is considered a "feature" of this type of light fixture to indicate that the lamp has reached its end of life. It does this with a voltage burst that is > 1KV to excite the gasses in the lamp to the point that they will emit light. Can you say "spark gap transmitter?" The result is not pretty to the shortwave ears. This noise can be transmitted for fairly long distances over the power lines, so the offending unit may not be real near by. Drive around the neighborhood at night and look for a light that is cycling on and off. Then find out from your local city hall (public works department) who is responsible for street light maintenance. Call them and give them the exact location of the light and request that it be fixed. Problem solved. I use a portable sw radio (RS DX390) to track down noise like this. Tune to the lf band (<500khz) and you will hear the noise real well.

Good luck,

Tom Moll, NoBS

<< ONCE A MINUTE, particularly at night, I get about a 10 second hit of heavy static - it fades in, and then fades out...(Usually when a person is sending their callsign & QTH)

I can't figure it out...I've even timed it - and the static last between 7-10 seconds, and after fading out comes back in again about 30-40 seconds later.
>>

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
Subject: [16455] RE: Static Puzzle
Message-ID: <36479.owen@piper.eeel.nist.gov>

In message Thu, 3 Apr 1997 00:20:52 -0500, ericvia@why.net (Eric Via) writes:

> ONCE A MINUTE, particularly at night, I get about a
> 10 second hit of heavy static - it fades in, and then fades
> out
>
> I can't figure it out...I've even timed it - and the static
> last between 7-10 seconds, and after fading out comes back
> in again about 30-40 seconds later.

Eric does this happen only on the HW-8 or do you hear it on other receivers? If only on the HW-8 I would check for a component that is breaking down. If you hear it on other receivers then I may be something in the house that is on a thermostat. A heater of some kind. Maybe your doorbell transformer is overheating due to a shorted turn and the thermal cutout is tripping out at that rate. The best thing would be to kill all the power in the house and see if the noise goes away. If so then turn on the power a breaker at a time and see when it comes back and go from there. If it only happens at night then look for an light that is on a photo cell, maybe a streetlight. Hope you find it easily. 72/73 Jim K4CGY qrp-1 #72

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Chris Cartwright <ccart@dns.vidtel.com>
Subject: [16452] Re: Toroid assortment source

Message-ID: <Pine.LNX.3.93.970403083015.488A-1000000@dns.vidtel.com>

On Thu, 3 Apr 1997 ka7you@juno.com wrote:

> Somewhere recently, I saw a small add for an assortment of small toroid
> cores. It might have been in an older QQ (I just recently received the

Dans Small Parts has a few assortments, and Amidons web page has a couple
of "experimenters" kits. You can get to both from the NorCal page.

<http://www.fix.net/~jparkner/norcal/links/website1.html>

-- Christopher Cartwright, Tech. Engineer		ccart@vidtel.com
-- Phone 301.990.0735 N3XRV QRP-L #655		ccart@erols.com
-- QRP WAS 11/3 (w/c) QRP-ARCI #9271		http://dns.vidtel.com/~ccart

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>
Subject: [16498] Re: Toroid assortment source
Message-ID: <199704032306.SAA14131@mail.bright.net>

Buckeye Electronics also has a couple of nice toroid assortments...

buckeye@alpha.wcoil.com

73

73 - Bill - N8ET

Kanga US

kanga@mail.bright.net

<http://qrp.cc.nd.edu/kanga/>

419-423-4604

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Chris Cartwright <ccart@dns.vidtel.com>
Subject: [16437] Re: transistor info
Message-ID: <Pine.LNX.3.93.970403004718.1560A-1000000@dns.vidtel.com>

On Thu, 3 Apr 1997 AlK0FRP@aol.com wrote:

> I have cross references but need the actual specs. I an just try to find the

Well in the 1979 ECG xref it lists an ECG235 as equiv, spec's as follows:

Desc	NPN-Si, Final RF Power Output, Po 5W, 50Mhz
BVcbo	65
BVceo	65
BVebo	4
Col Ic	3 amps (pulse)
PwrDis	12 watts (on collector)
Freq	200Mhz (min)
Hfe	40 (gain)
Case	T0-220

Hope it helps.

-- Christopher Cartwright, Tech. Engineer		ccart@vidtel.com
-- Phone 301.990.0735 N3XRV QRP-L #655		ccart@erols.com
-- QRP WAS 11/3 (w/c) QRP-ARCI #9271		http://dns.vidtel.com/~ccart
Not a WIMP! yet :)		

From owner-qrp-l@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: Stan <stan@cruzio.com>
Subject: [16444] Re: transistor info
Message-ID: <33435047.2742@cruzio.com>

AlK0FRP@aol.com wrote:

> I have cross references but need the actual specs. I an just try to find the
> perfect final for the Sierra. The OHR classic used 2sc2075 and did well on
> 20m. but don't know how it would so on 17-10 m.
>
> The MRF 237 is a VHF xsistor but may work better on the higher bands. Some
> have said that Dan's 2SC2075/MRF475 are not up to spec as original marked
> xsistors.

Al, I replaced the final in my Sierra with a 2sc1306 that was a pull from an
old 23 channel CB. (The common cross reference is to a mrf 476 as mentioned .)

The leads have to be crossed over (collector is in the center) , and the
transistor sits up kinda high (especially with the \$ 2 radio shack heat sink),
but it barely gets warm @ 5 w out on 20 and 40 .

I also get significantly more out on 17 m than the stock 3553 did.

These transistors were designed to be used at 27 mhz and make good rf .

I havn't built modules for 10 or 15 m yet , but will when the spots improve.

72.5 , Stan N6XU

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>
Subject: [16396] Re: transistors ?
Message-ID: <Pine.A41.3.95b.970402161340.156012A-100000@homer33.u.washington.edu>

Try pointing your web browser at: <http://www.pacificsemi.com>
One can find a downloadable transistor cross reference there.
They also offer a list of transistors that they sell. Their
web page says they specialize in Japanese transistors. Hmmm.
Enjoy!
Stephen Lee, AB7HI, Tacoma, WA
slee@u.washington.edu

On Wed, 2 Apr 1997, Bruce Rattray wrote: <edited for content>

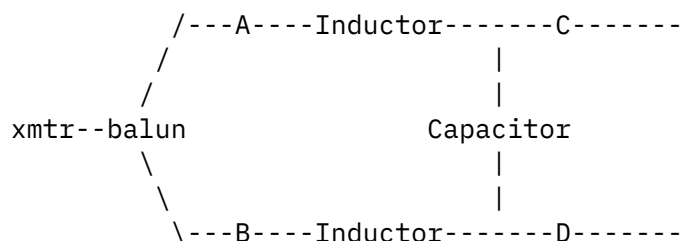
> I was wondering if similar information might be available to
> identify the individual transistors also found on the boards?
> ...such as C1126 N and C11268 N?...any help would be very
> much appreciated as I'm trying to gather parts for a QRP
> Workshop...72 - Bruce(VE5RC) QRP-L#886 "QRP! How sweet it is!"

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Carol N. Wright" <cnw@hiwaay.net>
Subject: [16395] Re: Transistors!
Message-ID: <Pine.OSF.3.94.970402175744.28427A-100000@fly.HiWAAAY.net>

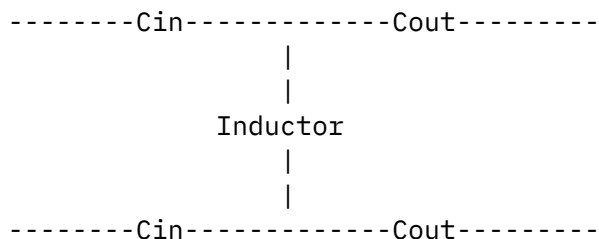
Hey Arjen,
The deal on the 2SC2075's are in the Winter-Spring specials, which is good
until May 31, 1997. The 2SC2075's are available for 3/\$4.50 or 10/\$9.00.
The 2N3553 are \$2.75 each. The 2SC1678 are \$3.50 each. The RCA 4013,
which is a replacement for the 2N3553 is \$1.50 each or 3/\$2.50. This is
from Dan's Small Parts. Let me know, I'll send anybody Dan's price list
if they can't get it, or the specials. Or if you having trouble getting
the price list I'm sure Dan can help. Just a satisfied customer. Best
72 DE Matt, AE4JM

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
 From: Ed Pacyna <pacyna@auratek.com>
 Subject: [16477] Re: Unbalanced Tuners with Balanced Feedlines
 Message-ID: <3.0.16.19970403134544.2eaf5a00@galaxy.auratek.com>

Following is a simple solution for a balanced tuner. While I use a pair of ganged rotary inductors, tapped inductors could also be switched with a 2 pole multi-position switch (the inductance must be the same in each series leg). The variable capacitor (in the shunt leg) is a 250pF variable unit. The balun is made from large ferrite beads slipped over RG58 coax.



While I prefer L networks, the T network can also be transformed into a balanced tuner.



In this case the 2 Cin (and the 2 Cout) capacitors are gang tuned.

73

Ed, W1AAZ

>"If you haven't already done so, you might download IBALUN.TXT from
 >ftp.teleport.com/pub/vendors/w7el, which explains why a current balun
 >placed on the input side of an unbalanced tuner has the same effect on
 >balance as one placed on the output side."

>
 > /---A---tuner---C-----
 > xmtr--balun |

> \---B-----G-----D-----
>
>If the currents at C and D are not balanced, the system is not balanced.
>If the currents at C and D are balanced then, because of the phase shift
>through the tuner, the currents at A and B are unbalanced. So the balun
>sees the same amount of unbalance whether it is at the tuner input or
>output. Nothing's changed except the tuner chassis is RF hot. A >balanced
>tuner puts the same amount of phase shift in each side and therefore,
>does not have the above problem.

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: launerb@crl.com (William H. Launer)
Subject: [16401] Re: Weak Signal Work
Message-ID: <v01530507af68b8c5df4e@[192.0.2.1]>

Joe ,AB7TT, wrote:

>So yes, next to a good antenna, good "ears" are the
>best friend a QRPer could have.

A good receiver is a great thing to put between the antenna and the ears!

72/73 Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-1 #279 qrp arc1 #3551
Grid Square EM48RT

From owner-qrp-1@Lehigh.EDU Thu Apr 3 18:05:01 1997
From: "Brian K. Short" <ke7gh@primenet.com>
Subject: [16418] Re: Weak Signal Work
Message-ID: <3.0.1.32.19970403023247.006f0be8@mailhost.primenet.com>

>>So yes, next to a good antenna, good "ears" are the
>>best friend a QRPer could have.

>

>A good receiver is a great thing to put between the antenna and the ears!

You need to put something between the ears, too! ;~}